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NORTH CAROLINA NATURAL HERITAGE PROTECTION PLAN

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NORTH CAROLINA NATURAL HERITAGE PROTECTION PLAN

1989

Natural Heritage Program

Division of Parks and Recreation

North Carolina Department of Natural Resources
and Community Development

P.O. Box 27687

Raleigh, North Carolina 27611

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NATURAL HERITAGE PROTECTION PLAN

INTRODUCTION

The North Carolina Nature Preserves Act (NCGS 113A-164.3(4)) requires the production of a Natural Heritage Plan that guides the Natural Heritage Program in the creation of a system of registered and dedicated natural areas. The plan is based on a dozen years of data collection and analysis of the state's ecological resources, their rarity, threat and protection status. The plan is continuously updated, and a revised plan is produced every two years.

Approximately 850 natural areas in North Carolina have been identified by the Natural Heritage Program as possessing ecological resources of national, statewide, or regional significance. As the inventory of special natural areas and rare species habitats continues to progress, many other important sites will likely be identified and added to the natural areas priority list. Only about a third of our state's finest natural areas have assurance of protection, and nearly half of the state's endangered and threatened species are unprotected at even a single population site. The need for actions to assure the protection and survival of North Carolina's natural heritage is urgent.

The Natural Heritage Protection Plan provides direction for the addition of new areas to the State Registry of Natural Heritage Areas and to the Dedicated Nature Preserves System. The plan also recommends natural areas that may best be protected by acquisition by public or private conservation agencies. Specific contents of the plan include:

- Priorities for future inventory and protection efforts.
- Criteria for selection of priority natural areas.
- Procedures and alternative methods for protecting threatened elements of natural diversity and priority natural areas.
- 1989 priority natural areas list.
- Recommended protection strategies for priority natural areas.
- Recommended roles of various agencies for assuring the protection of those areas.

The plan should assist state and federal agencies, the N.C. Nature Conservancy, and other private land conservation organizations in determining protection priorities and implementing policies to protect the full range of natural diversity in North Carolina.

PURPOSE OF NATURAL AREAS

The State Nature Preserves Act of 1985 declared the policy that:

> The continued population growth and land development in North Carolina have made it necessary and desirable that areas of natural significance be identified and preserved before they are destroyed. These natural areas are irreplaceable as laboratories for scientific research, as reservoirs of natural materials for uses that may not now be known, as habitats for plant and animal species and biotic communities, as living museums where people may observe natural biotic and environmental systems and the interdependence of all forms of life, and as reminders of the vital dependence of the health of the human community on the health of the other natural communities.
>
> It is important to the people of North Carolina that they retain the opportunity to maintain contact with these natural communities and environmental systems of the earth and to benefit from scientific, aesthetic, cultural, and spiritual values they possess.

Natural areas are generally considered to be areas of land or water that (i) retain or have reestablished natural character, (ii) provide habitat for rare or endangered species of animals or plants, or (iii) have natural features of special scientific or educational value.

ELEMENT APPROACH TO IDENTIFY PRIORITY NATURAL AREAS

North Carolina's natural diversity consists of thousands of plant and animal species, all interacting with each other and their physical environment. The Natural Heritage Program has classified special "elements" of the state's natural diversity and applies a systematic approach to inventory and protect this diversity.

At a broad level, an element may be an entire ecological system such as a natural community (terrestrial or aquatic) including the plants and animals of that system, and the associated soils, geology, and hydrologic features. At a species specific level, an element would be a species of plant or animal considered rare or endangered in North Carolina. Therefore, the elements of natural diversity on which the Natural Heritage inventory is based can be a rare plant or animal, a natural community or plant community, or an unusual geologic landform.

Of the total biological diversity of North Carolina, the Natural Heritage Program monitors about 18 percent of the species of vertebrate animals (156 out of about 850 species), about 8 percent of vascular plants (318 out of about 3500 species), and about 7 percent of nonvascular plants, excluding algae (73 out of about 1000 species). In addition, 138 species of invertebrate animals are monitored, a tiny but indeterminable percentage of the invertebrate fauna of the state. The monitoring of natural communities is different than that of species,

since prioritization depends primarily on quality or condition rather than on rarity. The database includes high quality examples of 93 terrestrial natural community types recognized in the state. Other categories of elements monitored by the program, but given less emphasis, include special wildlife habitats (such as nesting concentrations for shorebirds, other bird rookeries, and colonies of bats) and exceptional examples of geomorphic landforms.

The elements are the focus of the program's inventory and protection efforts. The program monitors a total of 778 "elements of natural diversity," which represent the most significant, rarest, and most threatened remnants of our natural heritage. Data are gathered on the locations of special elements, as well as their rarity and threats to them. All elements are given global and state rankings based on rarity and threat, according to a system developed by The Nature Conservancy. These rankings are periodically updated as new information becomes available. The data are used to determine priorities for future field investigations and for protection efforts. Elements that are the rarest and in most danger on a nationwide or statewide basis receive the highest priorities for these efforts. Elements that are more common, in less danger or are adequately protected are given a lower priority or may be dropped from further consideration.

The Natural Heritage Program can compare sites containing the same element. This comparison, based on quality and representation of the element, identifies the most important sites for protection. This element-based approach assures that biologically important, but little known, sites are considered along with better known sites. The process and criteria for determining protection priorities will be explained in greater detail in the following pages.

METHODS OF PROTECTION

Once a site is selected as a priority natural area, on the basis of the importance of its natural elements, protection efforts can proceed. Following identification of ownership, the landowner should be informed of the ecological significance of the property and offered a range of options for assuring protection of the site. The three methods of protection most often recommended by the Natural Heritage Program are registration, dedication, or acquisition (by gift or sale).

The State's Registry of Natural Heritage Areas and Dedicated Nature Preserves System have been described in the Natural Heritage Program's Biennial Report. Both are means to protect a natural area by voluntary agreement of the private or public owner. The N.C. Nature Preserves Act provides the statutory basis for both. No area is registered or dedicated without the voluntary consent of the landowner. Landowner participation in the registry is voluntary. Dedication is also voluntary but is legally binding thereafter.

Registration. The Registry of Natural Heritage Areas has demonstrated its success in arranging voluntary protection agreeements with landowners. An owner is recognized by the award of a certificate

of registration. The landowner's cooperation may be publicized, but only if the landowner so desires. Registration provides no rights of public access, directions to a registered site is not published. Management of a registered site is the responsibility of the landowner, although the owner may voluntarily accept a management agreement. Certain public lands, which are registered, are further protected by legal or administrative designations.

By informing the owners of the statewide importance of the land, the Registry reduces the chance that natural elements on these properties might be inadvertently destroyed. This method of protection can quickly reach owners of important sites at minimal cost to the state. Because the owner has no legal obligation to protect the outstanding natural element(s), protection through registration relies heavily on maintaining cooperative relationships and regular communication with landowners.

Dedication. Dedication secures a much stronger degree of protection for natural heritage resources. A private landowner may voluntarily cede to the State of North Carolina a legal interest in the land (usually a conservation easement) for preservation purposes. The instrument of dedication ("articles of dedication") specifies the less-than-fee real property interest that is transferred to the state, and may provide for additional provisions such as management, custody, access, use or rights and privileges retained by the owner. Land owned by the State of North Carolina or local government agencies may also be dedicated as nature preserves. For public lands, the dedication requires a commitment by the managing agency to protect the natural element(s) on the site. The managing agency is not required to surrender any real property interests or management authority. Dedication agreements must be approved by the Governor and Council of State on behalf of the State of North Carolina. Likewise, the Governor and Council of State must approve any amendment or termination of preserve dedication or any land use contradictory to the protection of the natural heritage resources in the future.

Land Acquisition for Natural Area Preserves. The present owners of some important natural areas may be unwilling to assure their protection voluntarily, and acquisition may provide the optimal, long-term prtection for certain natural areas. Public agencies or private, non-profit conservation organizations may purchase, lease, or receive by gift, important natural areas. The natural areas on the acquired lands can then be designated for protection by registration or dedication or other administrative action. Lands acquired by the State of North Carolina must be accepted by the Governor and Council of State, and on recommendation by the Office of State Property are usually allocated to a specific agency for management.

The Natural Heritage Program also works with a variety of private land conservancies, which acquire land from willing sellers or donors. The N.C. Nature Conservancy has been most active in acquiring important natural areas. State laws encourage the protection of natural lands by statewide and local land conservancies, which are incorporated for

conservation purposes as non-profit, charitable organizations serving in the public interest.

The State General Assembly in 1987 created a Recreation and Natural Heritage Trust Fund for purposes of awarding grants to state agencies for purchase and management of natural areas or natural heritage inventory. Instead of providing the Trust Fund a continuing source of funding, the legislature appropriated $275,000 for grants in the 1987-89 biennium. Currently, the 1989 General Assembly is considering legislative proposals to continue the Recreation and Natural Heritage Trust Fund and to create a source of continuing financing for the acquisition and management of important natural lands.

MANAGEMENT OF NATURAL AREAS

Management of natural areas is needed to protect the ecological processes and elements for which the preserve was established. Management of natural areas is also necessary to assure protection of their scientific, educational, and other public values. Management will often be passive, allowing natural processes to operate unimpeded. However, active management may be employed in some cases where it simulates or restores the natural ecological processes.

All management decisions are the responsibility of the managing agency, as determined by agency policies, guidelines, and regulations. The Natural Heritage Program simply provides information to a managing agency which may assist in making management decisions for the benefit of the natural resources. Registration agreements contain a statement of management objectives for a voluntarily protected natural area. Articles of dedication declare the management principles for a preserve and assign management responsibilities.

CRITERIA FOR DETERMINING PROTECTION PRIORITY

This section discusses criteria used to determine priorities for protection of special plants and animals, natural communities, and geologic features. Many species of plants and animals can be protected by preserving representatives of the major natural communities in the state. But some species are so rare that they may not be found in a protected natural community type. These "special" species require attention to assure the protection of principal habitat locations. The Natural Heritage inventory collects occurrence data on all known locations of rare and endangered species of plants and animals, as well as high-quality representatives of major natural community types and plant community subtypes, geologic landforms, and unique wildlife habitats. This data is periodically analyzed on the basis of evaluation criteria, and the specific natural elements are assigned priorities for future inventory work and protection efforts.

Evaluation Criteria

The major criteria used to evaluate natural elements are:

1. Rarity. The element's geographic distribution and the number of verified occurrences within North Carolina and the rest of its range.

2. Threats. The actual security of suitable habitat for the element, the factors that are contributing to its decline, the rate of decline, the ecological fragility of the element, the remaining number of the element's population, and the amount of its remaining habitat.

3. Protection potential. The likelihood that an element's populations or habitats, or both, can be protected and managed for its survival. Whether or not a currently protected occurrence(s) is an adequate representation of the element. This evaluation is based on several factors including: whether or not the element occurs in an essentially natural condition in that specific location; whether the site provides a diversity of ecological resources typical of the element's range of variation; whether the site has the size, shape, conditions, location, and biological characteristics within the protected area to ensure the persistence of the element.

Changes in Element Priority

The Natural Heritage Program will monitor the status of elements and reassign priorities as deemed necessary. If new conditions greatly increase the threats to an element or if inventory work reveals that the element is more rare or otherwise vulnerable than orginally believed, its priority will be raised. On the other hand, when an element is adequately represented on protected natural areas or is more common than originally believed, its priority ranking will be lowered or it will cease to be ranked.

Priority Site Selection

Primary considerations in selecting a prospective site for protection by registration, dedication, or acquisition are essentially a two-step process:

1. Element Occurrence Analysis. Comparison of the various occurrences of a natural element. This assessment will vary with the biology/ecology of that specific element, but includes:

a. determination of which occurrences provide adequate representation and best representation for the element; this includes consideration of ecological quality, diversity, and viability; and

b. evaluation of the health of the element occurrence(s) (its population or condition) based on its ability to persist or perpetuate over time at that site.

(Note that these criteria are relative for each element. A somewhat disturbed diabase cedar glade may be the best example in the state, or a vulnerable habitat for pondspice (Lindera melissaefolia) may be the only known location for the endangered plant in North Carolina, and should be selected for protection efforts. The same degree of disturbance or low quality for the site of a more common element type would make that site one of low interest and low priority for protection efforts.

2. Site Analysis. The emphasis of this consideration shifts to the site as a whole (not confined solely to the primary element occurrences). Site characteristics considered include:

a. defensibility - does the site adequately protect the element occurrences against unnatural encroachments?

b. manageability - can the site be managed (actively or passively) to maintain the primary elements or natural processes?

Another major consideration in the selection of a protection priority for a natural area is the presence of multiple, special-interest elements. Some sites may be important as the location of a single element--such as endangered species habitat, or the only known example of a natural community--but it is a more efficient use of resources to select sites with multiple elements, combining several natural communities and special species.

Areas selected through this evaluation process are listed on the Natural Heritage Areas Priority List. These sites are the focus of protection efforts through landowner contact, proposals for registration or dedication, or possible acquisition.

Natural Element Ranking

The Natural Heritage Program's inventory is based on data collected on the occurrences of nearly one thousand "elements" of natural diversity--rare and endangered species, exemplary or unique natural community types and geologic landforms, and outstanding wildlife habitats. By the end of 1988, the inventory contained 7,523 records on locations of these special resources. Each year, the program normally adds more than 750 new occurrence records and updates, edits, or deletes several thousand records. At the end of 1988, the inventory included "element occurrence" records for:

- 87 state endangered or threatened species of plants, and 233 "primary proposed" or "significantly rare" plant species.
- 77 state endangered or threatened species of animals, and more than 100 "special concern" or "rare" animal species.
- approximately 120 major natural community types.
- special wildlife habitats (such as nesting colonies of birds or bats),
- geologic landmarks exemplary of geomorphic processes.

Lists of the natural community types and "special interest" plant and animal species inventoried and monitored by the Natural Heritage Program identify the relative rarity and endangerment status for each element. Natural elements receive priority attention primarily according to their relative rarity and protection status throughout their entire range. Most of the 49 state natural heritage programs have adopted the element ranking system developed by The Nature Conservancy, which enables them to make nationwide comparisons and determinations of the relative rarity and endangerment of each natural element. Global and state ranks are defined for each element monitored by the Natural Heritage Program. In order to define global and state ranks, evaluations have been completed for each natural element inventoried by the Natural Heritage Program. For each monitored element, the following information has been assembled:

- the habitat or community in which the natural element occurs;
- definition of an element "occurrence";
- the official state and federal endangerment status;
- degree of legal protection;
- total estimated number of occurrence of the element in the world and in the state;
- estimated total abundance in numbers of individuals existing globally and in the state;
- total range of the element globally and in the state;
- number of adequately protected element occurrences globally and in the state;
- relative threat for destruction of the element;
- ecological fragility of the element;
- inventory and research needs;
- other protection and management needs.

Current North Carolina lists of natural communities and special animal and plant species are presented in the appendix of this plan.

Element Occurrence Scorecards

The Natural Heritage Program has prepared "scorecards" for all known occurrences of highly-ranked natural elements. The scorecard provides information which helps determine protection priorities and helps monitor progress in protecting important elements of the state's natural diversity. This document relates ecological priorities to conservation efforts, thus providing a basis for protection planning and also providing feedback as to whether conservation activities have been well focused.

The scorecard presents highly condensed information about elements of natural diversity. their principal occurrences, the property tracts involved at these sites, the ownerships of the sites, the degree to which each tract is currently protected, and the degree of protection and management appropriate for each tract.

Most of the information which appears on a scorecard comes from much more detailed information found in the Natural Heritage inventory. In essence, the scorecard condenses into one document the record of the entire preserve selection and design process for a natural element.

A "site tracking record" contains the listing of all special natural elements known to occur in a specific natural area.

Case Sample: Rough-leaved loosestrife

One natural element inventoried and monitored by the N.C. Natural Heritage Program is offered as an example of how the process of determining protection priorities works. The rough-leaved loosestrife (Lysimachia asperulaefolia) is a showy perennial plant which is endemic to the coastal plain and sandhills of North and South Carolina. It generally occurs in the ecotones or edges between longleaf pine uplands and pond pine pocosins, but it is also known to occur in deep peat in the low shrub communities of large Carolina bays. All these habitats are fire maintained. Suppression of naturally occurring fires in these areas results in growth of shrub vegetation which eliminates the open edges required for the survival of the loosestrife. Fire suppression, drainage, and, to a lesser extent, residential and industrial development have altered and eliminated habitat for this species.

Natural Heritage Program staff and other cooperating and contracted botanists conducted a systematic survey of the coastal plain region to document the locations and conditions of the loosestrife in North Carolina, while similar surveys in South Carolina failed to find any populations still existant in historic habitat locations in that state. The survey revealed that only fourteen populations of the species remained in existence, all in North Carolina, and another eight populations had been destroyed. That data was sufficient evidence to convince the U.S. Fish and Wildlife Service to list the loosestrife as a nationally endangered species.

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The following pages present examples of the previously described components of the process for evaluating and ranking the rough-leaved loosestrife, selecting its highest priority sites, and determining site protection priorities.

A variety of protection actions have been applied or are recommended in attempt to preserve and maintain a number of the endangered species populations. The following example "element occurrence record" for a Brunswick County site of the rough-leaved loosestrife is from the "Boiling Spring Natural Area." Natural Heritage staff identified ownerships and recommended that the N.C. Nature Conservancy make the area a high priority for a protection project. The corporate owner offered the land for sale, but The Nature Conservancy did not have sufficient private funds to make the purchase. The best alternative has been to recruit the interest of another "conservation buyer," an individual conservationist who is willing to purchase the tract and voluntarily enter a protection agreement with The Nature Conservancy and Natural Heritage Program.

Populations on other sites in public ownership have been identified for the management agencies, populations marked, and habitat maintenance recommendations made. The agencies which manage population sites in the Croatan National Forest, Camp Lejeune Marine Corps Base, Holly Shelter State Game Land, Sunny Point Military Ocean Terminal, Fort Bragg Army Base, and Bushy Lake State Natural Area have been generally cooperative in adopting policies for protection and maintenance of the habitats. The Farmers Home Administration has offered to give the State of North Carolina title to a bankrupt farm to supplement and protect the Bushy Lake State Natural Area. Carolina Power & Light Company has voluntarily agreed to maintain a loosestrife population under a transmission powerline without using herbicides and by scheduling mowing only in the dormant winter season. A private landowner entered a voluntary registry agreement to protect the Mill Pond Bay natural area in Bladen County. The loosestrife population in The Nature Conservancy's Green Swamp preserve is part of a registered Natural Heritage Area, which is proposed for dedication as a North Carolina Nature Preserve. The survival of this endangered species may be insured by these protection actions.

SAMPLE ELEMENT RANKING FORM:

ROUGH-LEAVED LOOSESTRIFE

04/25/89
ELCODE: PDPRI07010
GNAME: LYSIMACHIA ASPERULIFOLIA
ELDESCRIP: A RHIZOMATOUS PERENNIAL
ESPECS: ANY NATURALLY OCCURRING POPULATION

ARANKSPECS: POPULATIONS WITH ALL OF THE FOLLOWING: MANY GENETS, MANY RAMETS, FLOWERING VIGOROUSLY, IN NATURAL SITE (FIRE)
BRANKSPECS: POPULATIONS WITH MOST OF THE FOLLOWING: MANY GENETS, MANY RAMETS, FLOWERING VIGOROUSLY, IN NATURAL SITE (FIRE)
CRANKSPECS: POPULATIONS LACKING MOST OF THE FOLLOWING: MANY GENETS, MANY RAMETS, FLOWERING VIGOROUSLY, IN NATURAL SITE (FIRE)
DRANKSPECS: POPULATIONS WITH FEW GENETS, FEW RAMETS, FLOWERING POORLY, IN SITE MAINTAINED BY UNNATURAL MEANS (MOWING)
HABITAT: POCOSIN EDGES, SAVANNA/POCOSIN ECOTONES, OPENINGS IN POCOSINS, POWERLINE AND ROAD RIGHTS-OF-WAY IN POCOSINY DRAINS
PERMANENCE: PERMANENT, POPULATIONS APPARENTLY LONG-LIVED
GEXEMPSITE: GREEN SWAMP PRESERVE (TNC), BRUNSWICK COUNTY, NC
TAXCOM: DISTINCT SPECIES IN LARGE GENUS (CA. 160 SPECIES WORLDWIDE), SOMEWHAT RELATED TO LYSIMACHIA LOOMISII (ALSO ENDEMIC TO THE CAROLINAS), L. TERRESTRIS, & L. QUADRIFOLIA.

GESTEOS: C
GESTEOSCOM: 24 EXTANT POPULATIONS, CLUSTERED IN A FEW SMALL AREAS IN THE COASTAL PLAIN OF NORTH CAROLINA. 15 EXTIRPATED POPS.

GABUND: A
GABUNDCOM: THIS SPECIES IS CLONAL & MANY OF THE POPULATIONS MAY CONSIST OF ONLY ONE OR A FEW INDIVIDUALS

NGE: B
GRANGECOM: SOUTHEASTERN COASTAL PLAIN AND SANDHILLS OF NORTH CAROLINA. HISTORICALLY ALSO IN SOUTH CAROLINA.

GPROTEOS: C
GPROTCOM: SEVERAL PROTECTED ON NATURE CONSERVANCY PRESERVES AND HERITAGE PROGRAM REGISTERED AREAS
GTHREAT: A
GTHREATCOM: HABITAT CONVERTED TO FORESTRY AND DEVELOPMENT USES; ALSO FIRE SUPPRESSION LEADS TO EXTIRPATION

GFRAGIL: C
GFRAGILCOM:

GOTHCONSID: POOR SEXUAL REPRODUCTION, MOST POPULATIONS VERY VULNERABLE

GRANK: G2 GREVDATE: 89-04-25
GREASONS: HIGH THREATS, PROBABLY LOW NUMBER OF GENETS, POOR REPRODUCTION, IMPACTED BY LANDSCAPE TRENDS THAT ARE ACCELERATING, NARROW ENDEMIC WITH DEMOSTRABLE DECLINE, POPULATIONS CLUSTERED INTO FEW "METAPOPULATIONS"
GPROTNEED: PROTECT AS MANY POPULATIONS AS POSSIBLE, AND MANAGE WITH FIRE
GINVENNEED: MORE INVENTORY NEEDED IN SOUTHEASTERN NORTH CAROLINA AND NORTHEASTERN SOUTH CAROLINA
GRSRCHNEED: POPULATION BIOLOGY, EFFECTS OF FIRE ON ASEXUAL AND SEXUAL REPRODUCTION
GSTEWNEED: FIRE TO REDUCE SHRUBBY COMPETITORS

GRANKRESP: NCHP EDAUTHOR: ALAN S. WEAKLEY (NCNHP)
EDITION: 89-04-25 UPDATE: 89-04-25

SAMPLE ELEMENT OCCURRENCE RECORD:
Rough-leaved Loosestrife site in
Boiling Spring Lake natural area
(Brunswick County)

```
04/21/89
EOCODE: PDPRI07010.022
NAME: LYSIMACHIA ASPERULIFOLIA                                   IDENT: Y
COMNAME:
ROUGH-LEAF LOOSESTRIFE
EORANK: B        SURVEYDATE: 1988-07-07       GRANK: G2     SRANK: S2
EORANKCOMM: SMALL DOCUMENTED POPULATION
LASTOBS: 1988-07-07   FIRSTOBS: 1988   STATE: NC
COUNTYNAME: NCBRUN
QUADCODE: 3407811
QUADNAME: FUNSTON                                          PRECISION: S
LAT: 340050   LONG:  780434   S:       0   N:       0   E:       0   W:       0
PHYSPROV: CCI              WATERSHED:
DIRECTIONS: BOILING SPRING LAKES:  HEADWATERS OF ALLEN CREEK, S OF CREEK
            (MOORE ET AL. 1988).

GENDESC: POCOSINY ECOTONE BETWEEN SMALL STREAM SWAMP AND FLATWOODS
         AND SANDHILLS, WITH RHODODENDRON ATLANTICUM.


ELEV: -1111        SIZE:           0                GEOL:
SOILSER:                     SOILSUBGRP:
EODATA:
CA. 30 STEMS SEEN (MOORE ET AL. 1988).



COMMENTS:
COULD WELL BE MORE; DIFFICULT TO SEARCH IN THICK HABITAT.


MACODE1:                CONTAINED1:     MACODE2:                CONTAINED2:
MACODE3:                CONTAINED3:     ADDLMAS:     MORELAND:     MOREPROT:
MOREMGMT:     SITECODE:

SITENAME: BOILING SPRING LAKES--WETLAND COMPLEX
OWNER: REEVES TELECOM
OWNERCOMM:
PROTCOMM: PART OF TRACT REEVES INTERESTED IN SELLING
MGMTCOMM:
SPECSTAT:

BESTSOURCE: MOORE, WEAKLEY, ANNAND, BOYUM, TAYLOR, 7 JULY 1988 (FORM).

SOURCECODE:

DATASENS:     BOUNDARIES:     PHOTOS:     OWNERINFO: Y         SURVEY: P
TRANSCRIBR: 88-10-04 ASW   CDREV:        MAPPER: 88-10-04 ASW   QC:
UPDATE: 88-10-04 ASW
```

SAMPLE SITE TRACKING RECORD:
Boiling Spring Lakes Natural Area.
All recorded special elements.

```
Page No.     1
04/21/89
                                                       Site Tracking Record

Occ  EO Last Name                                GRANK  SRANK  Special    Owner                           Owner
Num Rnk Obs                                                    Status                                     Comments

** BOILING SPRING LAKES--WETLAND COMPLEX
073     1977 PICOIDES BOREALIS                   G2     S2
300     1980 PICOIDES BOREALIS                   G2     S2                WEYERHAEUSER

001     1979 SPHAGNUM FITZGERALDII               G2     S2
003     1981 SPHAGNUM FITZGERALDII               G2     S2
015 B   1988 ASCLEPIAS PEDICELLATA               G3G4   S1                REEVES TELECOM
115     1988 DIONAEA MUSCIPULA                   G3     S3                REEVES TELECOM
008     1988 DIONAEA MUSCIPULA                   G3     S3                REEVES TELECOM
004 A   1988 DIONAEA MUSCIPULA                   G3     S3                REEVES TELECOM
005 B   1988 DIONAEA MUSCIPULA                   G3     S3                REEVES TELECOM
022 B   1988 LYSIMACHIA ASPERULIFOLIA            G2     S2                REEVES TELECOM
019 AB  1988 PELTANDRA SAGITTIFOLIA              G3G4   S2                REEVES TELECOM
015     1988 RHYNCHOSPORA ALBA                   G5     S2                REEVES TELECOM
007 A   1987 SOLIDAGO PULCHRA                    G1Q    S1
008     1988 XYRIS BREVIFOLIA                    G4G5   S1                REEVES TELECOM
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SAMPLE ELEMENT OCCURRENCE SCORECARD:
All recorded sites of Rough-leaved Loosestrife with comments on site and population conditions, current status, and protection status

Page No. 1
04/21/89

Natural Heritage Scorecard

OCC NUM	EO RANK	LASTOBS	SITE NAME	STATUS	EO RANK COMMENT	PROTECTION COMMENT
**	LYSIMACHIA ASPERULIFOLIA G2 S2					
010	A	1988-06-07	***GREEN SWAMP PRESERVE	NNL RHA TNC	EXTENSIVE POPULATIONS	REGISTERED NATURE CONSERVANCY PRESERVE
013	A	1988-06	***MILITARY OCEAN TERMINAL SUNNY POINT		EXTENSIVE POPULATIONS SCATTERED IN WESTERN PORTION OF BASE	
021	A	1988-06-05	***FORT BRAGG			CALF BRANCH HAS MANY GLOBALLY RARE SPECIES
024	A	1988-09-07	***LEJEUNE LOOSESTRIFE SITE		VERY ROBUST POPULATION	SHOULD BE REGISTERED MARINE CORPS WILL MANAGE FOR SPECIES
018	AB	1988-05-23	***NC 133 LOOSESTRIFE SITE		LARGE POPULATION, VIGOROUS VEG., FLOW., FRUIT.	POPULATION COULD BE HURT BY ROADSIDE MAINTENANCE & MOWING
014	B	1985-07-07	(CRAWFORD LAKE: 4.75 MILES NNE OF OLD HUNDRED, AT)			
015	B	1988-05	***FORT BRAGG			
020	B	1988-06-10	(ROADSIDE OF NC 133, 0.9 MILE NE OF ITS JUNCTION WI)			
022	B	1988-07-07	***BOILING SPRING LAKES--WETLAND COMPLEX		SMALL DOCUMENTED POPULATION	PART OF TRACT REEVES INTERESTED IN SELLING
006	BC	1985-06	***CREEK & CORRIDOR BELOW KINNEY CAMERON LAKE	RHA		REGISTERED AREA
030	BC	1988-	***FORT BRAGG			
003	C	1986-06-24	***MILL POND BAY NATURAL AREA	RHA		REGISTERED NATURAL AREA
004	C	1985-06-10	(CROATAN # 1: IN PINE PLANTATION, E SIDE OF SR 112)			
008	C	1985-07-14	***BUSHY LAKE CAROLINA BAY	RHA SPK		REGISTERED NATURAL AREA
016	C	1985-07-23	(CROATAN # 4 (SCHOOL SITE): CA. 1 MILE N OF OCEAN,)		SMALL POPULATION	ON PROPOSED SCHOOL SITE
027	C	1985-06-12	(CROATAN # 5 (PRINGLE ROAD): SOUTHWEST SIDE OF PRI)		SMALL DOCUMENTED POPULATION	
029	C	1988-	***FORT BRAGG			
023	C?	1988-06-11	(CROATAN # 6: HEADWATERS OF BLAKE BRANCH, IN CROAT)		SMALL DOCUMENTED POPULATION	
005	D	1979-05-28	***GREEN SWAMP PRESERVE	RHA TNC		REGISTERED NATURE CONSERVANCY PRESERVE
012	D	1987-06-17	***SOUTHWEST RIDGE SAVANNA	RHA TNC	ONLY A FEW PLANTS	REGISTERED NATURE CONSERVANCY PRESERVE
017	D	1987-09-29	(ORTON PLANTATION: JCT. OF POWERLINE AND NC 133 NE)		SMALL POPULATION, PLANTS SMALL, NO SIGN OF FRUITING	MOWING AT WRONG TIME COULD BE PROBLEM FOR THIS SMALL POP.
001	DX	1981-05-19	***WACCAMAW ISLAND SAVANNA		2 PLANTS IN 1981, NOT SEEN SINCE	
002	X?	1954-06	("HOLLY SHELTER STATION NEAR BURGAW IN A SAVANNAH")			
007	X?	1957-08	("SAVANNAH-LIKE HABITAT, PROBABLY OLD POND SHORE, 6)		RECENT SEARCHES UNSUCCESSFUL	
009	X?	1966-07	***BOILING SPRING LAKES--LIMESINK COMPLEX		RECENT SEARCHES UNSUCCESSFUL	
011	X?	1971-06	("ROADSIDES US 17, 2 MILES OFF JCT WITH NC 172" (KO)		RECENT SEARCHES UNSUCCESSFUL	

Natural Heritage Scorecard

OCC NUM	EO RANK	LASTOBS	SITE NAME	STATUS	EO RANK COMMENT	PROTECTION COMMENT
019	X?	1962-06	(GREEN SWAMP # 3: "OPEN SAVANNAH ABOUT 9 MILES NW)		LIKELY SITE MODIFIED BY CLEARCUT AND SITE-PREPPING	NOT ON TNC PROPERTY, SITE APPARENTLY DESTROYED
031	X?	1938-06-10	("7 MILES SOUTH OF WASHINGTON, BEAUFORT COUNTY, NC")		RECENT SEARCHES UNSUCCESSFUL	
032	X?	1938-08-29	("SAVANNAH, DELCO, COLUMBUS COUNTY, NC" (GODFREY 19)		RECENT SEARCHES UNSUCCESSFUL	
H01	X?	1935-06	("ALONG DROWNING CREEK" (CORRELL 1935).)		RECENT SEARCHES UNSUCCESSFUL	
H03	X?	1904-06	("WET GROUND, FAYETTEVILLE, NC" (BILTMORE HERB. 190)		RECENT SEARCHES UNSUCCESSFUL	
H04	X?	1902-06-17	("MARGINS OF SWAMPS, HOPE MILLS, NC" (BILTMORE HERB)		RECENT SEARCHES UNSUCCESSFUL	
H05	X?	1902-06-25	(MANCHESTER, CUMBERLAND COUNTY, NC" (BILTMORE HERBA)		RECENT SEARCHES UNSUCCESSFUL	
H06	X?	1879-08	("BURGAW, NC" (HYAMS 1879).)		RECENT SEARCHES UNSUCCESSFUL	

NORTH CAROLINA NATURAL HERITAGE AREAS PRIORITY LIST, 1989

The Natural Heritage Program compiles the N.C. Department of Natural Resources and Community Development's priority list of "Natural Heritage Areas" based on the program's inventory and evaluations of the state's elements of natural diversity. The list of the state's most significant natural areas is organized by county, and sites are ordered by ratings of (A) national, (B) statewide, or (C) regional (greater than local) significance.

We consider "nationally significant" areas to represent natural communities, ecosystems, or geomorphic landforms that are among the highest quality or best of their kind in the nation, or are "critical habitats" for animals or plants designated as nationally endangered or threatened. Areas of "statewide significance" contain ecological resources that are the highest quality occurrences in North Carolina, or are critical habitats for species listed as endangered or threatened in this state. Areas of "regional significance" contain natural elements which may be represented elsewhere in the state by better quality examples, but which are among the outstanding examples in their geographic region of the state.

Sizes of priority areas differ greatly. A site may be restricted to an isolated half-acre containing a last remnant population of an endangered species or other unique feature. Another area may encompass thousands of acres and support many exceptional natural resources and special-interest species, but which should most logically be considered a large composite natural area. Thus, the same priority category may include an area as small as a single rock outcrop harboring an endangered species, or as large as the Great Smoky Mountains National Park or Lake Mattamuskeet. Occasionally, several related sites are combined in a larger composite, with a combined priority ranking, such as sites along the Waccamaw River or on Currituck Outer Banks.

The basic consideration for determining significance is that an area must contain one or more high quality examples of ecological or geomorphic elements; that criterion is intended to capture the full range of North Carolina's natural diversity by identifying the best examples of natural elements in each region of the state. Of primary concern are exemplary natural communities, geomorphic landforms, habitats of endangered or rare plant and animal species, disjunct or relict ecological resources, and essential wildlife habitat.

The relative rarity and endangerment status of the elements in a natural area are the principal considerations in determining the priority of a natural area. All sites on this Natural Area Priority List have been evaluated on the basis of their possession of natural resource elements that best represent and maintain North Carolina's natural heritage, and by comparision with other natural areas containing similar resources. Each natural element inventoried by the Natural Heritage Program has been ranked on the basis of its relative rarity, endangerment and protection status. An "Element Ranking Form" has been prepared for each inventoried element, as described previously in this

Natural Heritage Protection Plan. Furthermore, the specific locations of each highly-ranked natural element have been rated on the basis of the quality and condition of the element occurrence, as well as by the potential for protecting and managing the element at that site. "Element Occurrence Scorecards" are used to evaluate the locations of all highly-ranked natural elements, as described previously in this Plan. Through this analysis of the inventory data presently available, the Natural Heritage Program has identified and prioritized the state's most significant natural areas. Secondary criteria entering in the process of comparing and evaluating natural areas with similar resources include: the viability of the natural resources on the site, the condition of the special natural elements and the quality of the site; and the combination with other important ecological resources at the site.

After the importance of a natural area is recognized, further protection strategies and management decisions may be based on consideration of other factors such as:

a) threats to the site
b) ability to manage the site and its natural elements
c) feasibility of protecting the site and its natural elements
d) coincidence of additional values (including educational, scientific research, and recreational opportunities)
e) existence of a cooperative owner or interested management agency.

This priority list is dynamic, like the Natural Heritage Inventory. More inventory and research is necessary to identify the locations of the state's rare species and important ecological resources. Many historical records of endangered species and other important ecological resources have not been verified and the present condition of their reported locations is unknown. Many regions of the state have not been surveyed adequately. As more inventory and evaluation work is done, additional information will enable the Natural Heritage Program to identify other high-priority natural areas. Comparisons among newly identified natural areas and previously recognized areas, with similar natural elements, will prove that some deserve higher or lower priorities. The Natural Heritage Program will continue to conduct and promote investigations that will reveal more information and enable us to more accurately evaluate the importance of natural areas.

The Natural Areas Priority List serves as a protection planning and strategy document. Each site on the list qualifies as eligible for inclusion on the North Carolina Registry of Natural Heritage Areas. The existing level of inventory is indicated for each listed site, thus identifying where additional studies are needed. An ownership code is provided for each natural area. The present protection status of each site is indicated, and a future protection strategy is recommended. The list identifies those areas that should receive attention for designation as registered natural areas and dedicated nature preserves. Specific natural areas are recommended (note "intended status" codes) for acquisition by public or private conservation organizations. Notes indicate which sites have already been registered or dedicated.

OWNERSHIP CODES AND LEAD PROTECTION AGENCY CODES

The following codes indicate owners of natural areas and organizations recommended to lead protection efforts for specific sites:

Federal Agencies

COE - Corps of Engineers
DOD - Department of Defense
FWS - Fish and Wildlife Service
NPS - National Park Service
TVA - Tennessee Valley Authority
USFS - US Forest Service

State Agencies

NC DA - Department of Agriculture
NC DNRCD - Department of Natural Resources & Community Development
  SP Division of Parks and Recreation
  SF Division of Forest Resources
  CM Division of Coastal Management
  MF Division of Marine Fisheries
  NHP - Natural Heritage Program
NC CUL - Department of Cultural Resources
NC DC - Department of Correction
NC DOT - Department of Transportation
NC HR - Department of Human Resources
NC WRC - Wildlife Resources Commission

Local Agencies

LOCAL - unit of local government

Universities and Colleges

ASU - Appalachian State University
DUKE - Duke University
ECU - East Carolina University
UNCA - Univ. of North Carolina at Asheville
UNCC - Univ. of North Carolina at Charlotte
UNCCH - Univ. of North Carolina at Chapel Hill
UNCG - Univ. of North Carolina at Greensboro
UNCW - Univ. of North Carolina at Wilmington
NCSU - North Carolina State University
WCU - Western Carolina University

Private

PRV - Private owner (corporate or individuals)
AUD - National Audubon Society
FEL - Felburn Foundation
HBF - Highlands Biological Foundation

NCBG - NC Botanical Garden Foundation
NCCF - NC Coastal Federation
NCFF - NC Forestry Foundation
NSL - National Scout Lands (Boy or Girl Scouts)
SAHC - Southern Appalachian Highlands Conservancy
TLC - Triangle Land Conservancy
TNC - The Nature Conservancy

OTHER SPECIAL STATUS AND PROTECTION STATUS CODES:

RHA - Registered Natural Heritage Area
DNP - Dedicated Nature Preserve
ESN - Estuarine Sanctuary
EWA - Established National Wilderness Area
MAB - UNESCO Man and the Biosphere Reserve
RNA - Federal Research Natural Area
SAF - Society of American Foresters registered area
WSR - National Wild and Scenic River

CURRENT PROTECTION STATUS/INTENDED PROTECTION STATUS CODES

0 - No protection. Landowner or land manager unaware of the special-interest natural features, or unsympathetic to their protection.

1 - Landowner/manager has been notified of the natural features and important of the natural area.

2 - Voluntary protection:
  a. Landowner/manager agrees voluntarily to protect the natural features of the site, through a nonbinding agreement (eg., registration, cooperative agreement, use agreement).
  b. Property is federally owned and the management agency agrees to protect the special-interest natural features of the site.

3 - a. Bequest: Landowner promises to will the tract to a conservation entity (public or private)
  b. Right of First Refusal: Landowner grants right of first refusal to purchase a tract to a conservation entity (public or private)

4 - Legally binding protection agreement:
  a. Landowner signs a legally binding management agreement (any kind) with a conservation entity
  b. Landowner signs lease, license, etc., with a conservation entity

5 - Landowner conveys an undivided interest in the property to a conservation entity

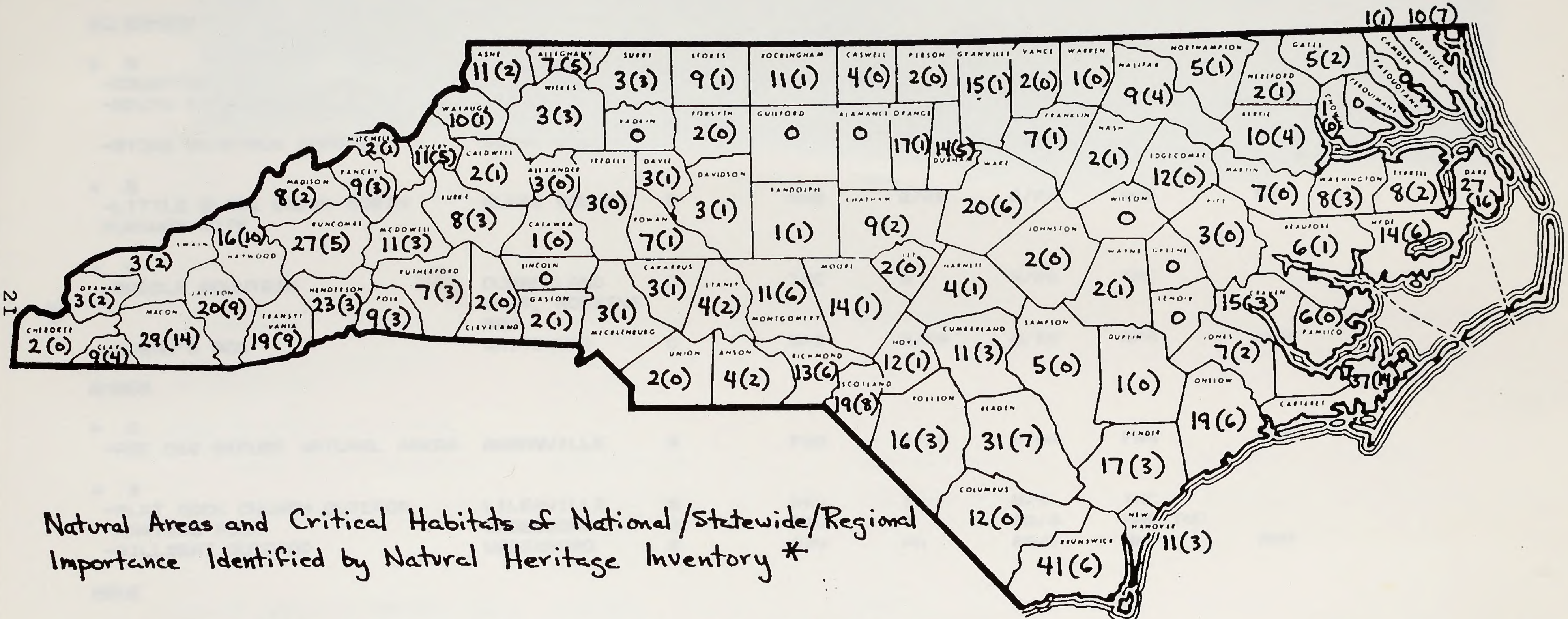
6 - a. Property is publicly owned and has been designated by the managing agency for conservation administration (eg., Federal Research Natural Area, National Wilderness Area, National Wild and Scenic River)
  b. Landowner conveys an interest in the property, wills the remainder (NOT a remainder interest, which can be revoked) and grants management control over the life estate to a conservation entity

7 - Less than fee acquisition: a conservation entity controls the natural features through a perpetual legally binding agreements such as:
  a. Conservation easement
  b. Reverter interest (in the deed-out)
  c. Retained rights (in the deed-out)
  d. Lease back
  e. Remainder interest with restricted life estate

8 - Fee title: a conservation entity holds all rights and manages the property for conservation and has been notified of the natural features

9 - Dedication: all rights to destroy the natural features have been dedicated to the State's legally-established nature preserves system.

HIGH PRIORITY NATURAL AREAS AND ENDANGERED SPECIES CRITICAL HABITATS IDENTIFIED BY THE NATURAL HERITAGE PROGRAM (as of end of 1988)



Natural Areas and Critical Habitats of National/Statewide/Regional Importance Identified by Natural Heritage Inventory *

County-by-County Count of High Priority Natural Areas
(Number of Priority Natural Areas Substantially Assured of Long-Term Protection) (number indicated in parenthesis)

TOTALS : 844 high priority natural areas
229 (27 %) assured of long-term protection

* Numbers will increase substantially as the Natural Heritage Inventory progresses.
Note that the inventory is incomplete for most counties.

1989 NORTH CAROLINA NATURAL HERI[illegible]GE AREAS PRIORITY LIST

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
ALEXANDER							
* A							
-JOE-LITTLE JOE MOUNTAINS	MORAVIAN FALLS	A	PRV/TNC	0/8	2A/8/9	TNC	POTENTIAL DNP
* B							
-LITTLE MOUNTAIN	MORAVIAN FALLS	B	PRV	0	2a	NHP	
-ROCKY FACE MOUNTAIN	HIDDENITE	B	PRV	2A/8/0	7/8/9	NHP	PARTIAL RHA/POTENTIAL DNP
ALLEGHENY							
* A							
-DOUGHTON PARK	WHITEHEAD	A	NPS	8/2B	8/2B	NPS	RHA
-SOUTH FORK NEW RIVER	(MANY)	A	PRV/NCSP	0/8	8/2A	NCSP	ACQUISITION IN PROGRESS
-STONE MOUNTAIN COMPLEX	GLADE VALLEY	A	NCSP	8/2A	9/2A	NCSP	RHA/POTENTIAL DNP
* B							
-LITTLE GLADE CREEK ROBIN RUNAWAY SITE	GLADE VALLEY	B	NPS	8/2B	8/2B	NPS	RHA
* C							
-SADDLE MOUNTAIN	CUMBERLAND KNOB, ROARING GAP	C	TNC	8	8/2A	TNC	
-SUSAN'S BOG	WHITEHEAD	C	NPS	8/2B	8/2B	NPS	RHA
ANSON							
* A							
-PEE DEE REFUGE NATURAL AREAS	ANSONVILLE	A	FWS	8/2B	8/6A	FWS	RHA
* B							
-FLAT ROCK CHURCH OUTCROP	LILESVILLE	B	PRV	1	8/9	TNC *	
-MARTINS ROCK	WADESBORO	B	PRV	1	2A/8	NHP/TNC	
-MILLSEAT OUTCROP	WADESBORO	B	PRV	2A	2A/7	NHP	RHA
ASHE							
* A							
-BLUFF MOUNTAIN	WARRENSVILLE	A	TNC/PRV	8/2A/0	8/9	TNC	PARTIAL RHA/ POTENTIAL DNP
-LONG HOPE VALLEY	ZIONVILLE, BALDWIN GAP	A	PRV	1/0	7/8	TNC *	
-LONG HOPE VALLEY	ZIONVILLE, BALDWIN GAP	A	PRV	1/0	7/8	TNC *	
-LONG HOPE VALLEY	ZIONVILLE, BALDWIN GAP	A	PRV	1/0	7/8	TNC *	
-SOUTH FORK NEW RIVER	(MANY QUADS)	A	PRV/NCSP	0/8	8/2A	NCSP	ACQUISITION IN

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments PROGRESS
ASHE							
* B							
-LAUREL FORK ROBIN RUNAWAY SITE	LAUREL SPRINGS, WHITEHEAD	B	NPS	8/2B	8/2B	NPS	RHA
-MOUNT JEFFERSON	JEFFERSON	B	NCSP	8/2A	9	NCSP	RHA/ POTENTIAL DNP
-NEW RIVER VIRGINIA SPIRAEA SITE #1	LAUREL SPRINGS	B	PRV	0	2A+	NHP	
-NEW RIVER VIRGINIA SPIRAEA SITE #2	LAUREL SPRINGS	B	PRV	0	2A	NHP	
-NEW RIVER VIRGINIA SPIRAEA SITE #3	JEFFERSON	B	NCDOT	0	2A	NHP	
-PHOENIX MOUNTAIN	JEFFERSON	B	PRV	0	7/A	TNC *	
* C							
-CRANBERRY MASH (BEAR CREEK BOG)	GLENDALE SPRINGS	C	PRV	0	2A		
-THREE TOP MOUNTAIN	WARRENSVILLE	C	PRV	0	2A+		
-VANNOY MEADOW--GRAY'S LILY SITE	JEFFERSON	C	PRV	0	2A+	NCHG	
AVERY							
* A							
-GRANDFATHER MOUNTAIN	GRANDFATHER MOUNTAIN	A	PRV/NPS	2A	7/9	NHP	RHA/POTENTIAL DNP
-HANGING ROCK MOUNTAIN	VALLE CRUCIS	A	PRV	1/2A	2A/7/A	NHP/TNC	PARTIAL RHA
-PINEOLA BOG	NEWLAND	A	PRV	2A	7	NHP/TNC	RHA
ROAN MOUNTAIN HIGHLANDS MEGASITE							
-BIG YELLOW MOUNTAIN	CARVERS GAP	A	TNC/SAHC	8/0/2A	9	TNC/SAHC	DNP/RHA
-ROAN MOUNTAIN MASSIF	CARVERS GAP, ELK PARK, WHITE ROCKS, OTHER	A	USFS/PRV /SAHC	8/0/2B	8/6A/2B	USFS/SAHC	RHA/POTENTIAL DNP
-SUGAR MOUNTAIN NATURAL AREA	NEWLAND	A	PRV	0/1	2A+/A	NHP/TNC *	
* B							
-FLAT ROCK MOUNTAIN	GRANDFATHER MOUNTAIN	B	NPS	8/2B	8/2B	NPS	RHA
-HIGH HAVEN NATURAL AREA	NEWLAND	B	PRV	2A	2A+	NHP	RHA
* C							
-LINVILLE GAP (INVERSHIEL) CRANBERRY BOG	GRANDFATHER MOUNTAIN	C	PRV	0	2A+	NHP	
-LINVILLE RIVER SWAMP FOREST-BOG COMPLEX	NEWLAND	C	PRV	0/1	1/2A	NHP	
-LOST COVE CLIFFS	GRANDFATHER MOUNTAIN	C	USFS	1	2B	NHP	PROPOSED FWA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BEAUFORT							
* B							
-GOOSE CREEK NATURAL AREA	BLOUNTS BAY	B	NCSP	8/2A	9	NCSP	RHA/POTENTIAL DNP
-VOICE OF AMERICA (SITE A) SPARROW SITE	LEGGETTS CROSSROADS	B	PRV	0	2A	NHP	
* C							
-CHOCOWINITY CREEK	WASHINGTON	C	PRV	0	2A+		
-INDIAN ISLAND	SOUTH CREEK	C	PRV	0	2A+		
-SUFFOLK ESCARPMENT	AURORA, BAYBORO	C	PRV	0	2A+		
-SWEETGUM SWAMP FOREST REMNANT	SOUTH CREEK	C	PRV	0	2A+		
BERTIE							
* A							
ROANOKE RIVER MEGASITE							
-BERTIE LEVEE-MARTIN SLOPES	PALMYRA & WOODVILLE	B	PRV	0	2A+	TNC/NHP	
-BROAD CREEK NECK	JAMESVILLE, PLYMOUTH WEST	B	PRV	0	2A+	TNC/NHP	
-BROADNECK RIDGE	HAMILTON	B	WRC	8/9	9	WRC	DNP
-CASHOKE CREEK BEECH SLOPES	WOODARD	C	PRV	0	2A	NHP	
-COMPANY SWAMP	QUITSNA	B	WRC	8/9	9	WRC	DNP
-CONINE ISLAND	QUITSNA, WINDSOR SOUTH, JAMESVILLE, WILLIAMSTON	B	WRC	8	9	WRC	POTENTIAL DNP
-CONIOTT CHERRYBARK OAK RIDGE	HAMILTON	B	PRV	1	7/8/9	NHP/TNC *	
-GREAT ISLAND THOROUGHFARE OF ROANOKE RIVER	WOODARD, PLYMOUTH W., WESTOVER	B	WRC/PRV	8/0	9/8	WRC	PARTIAL DNP
-CLARK ESTATE	PALMYRA	B	PRV	0			
* B							
CHOWAN RIVER MACROSITE							
-MT. GOULD LANDING FOSSIL BED-CHOWAN RIVER	EDENHOUSE	C	PRV	0	2A	NHP	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BLADEN							
* A							
-BLACK RIVER CYPRESS FOREST	POINT CASWELL, ROWAN, ATKINSON, CURRIE	A	PRV	1	2A/7/8/9	NHP/TNC *	
BLADEN LAKES NATURAL AREAS MEGASITE							
-ADDIE BARNES PINE NATURAL AREA	WHITE LAKE	B	NCSF	1	9/2a	NHP	
-BAKERS LAKE CAROLINA BAY	DUART	C	PRV	0	2A		
-BARBECUE PINE FOREST NATURAL AREA	WHITE LAKE	C	NCSF	1	2a	NHP	
-BIG BAY ROAD NATURAL AREA	ELIZABETHTOWN NORTH	C	NCSF	1	9	NHP	
-BURNED BAY	DUBLIN	C	NCSF	1	2a	NHP	
-CAPE FEAR SLOUGHS	SINGLETARY LAKE	C	NCSF	1	9	NHP	
-CHARLIE LONG MILL POND-BIG COLLY BAY	AMMON, ELIZABETHTOWN NORTH	A	NCSF	2a	9	NHP	RHA
-COTTON HEAD SAND RIDGE	ELIZABETHTOWN NORTH	C	NCSF	1	2a	NHP	
-HORSESHOE LAKE (SUGGS MILLPOND) AND MARSHY BAY	ROSEBORO	A	PRV	1	7/8//9	TNC *	POTENTIAL STATE DNP
-JENNY STRAND PINE NATURAL AREA	ELIZABETHTOWN NORTH	C	NCSF	1	9	NHP	
-JOHNSON MILL POND NATURAL AREA	ELIZABETHTOWN NORTH	B	NCSF	2a	9	NHP	RHA
-JONES LAKE STATE PARK NATURAL AREAS	ELIZABETHTOWN NORTH, DUBLIN	A	NCSP	2A	9	NHP/SP	RHA/POTENTIAL DNP
-MILL POND BAY NATURAL AREA	ROSEBORO	B	PRV	2A/1	2A/7	TNC *	PARTIAL RHA
-PONDSPICE POND	SINGLETARY LAKE	C	NCSF, NCSP, PRV	1/0/0	2a	NHP	
-SINGLETARY LAKE NATURAL AREA	SINGLETARY LAKE	C	NCSP/SF	2A	9	NCSP/SF	RHA
-SUGAR LOAF SPRINGS	ELIZABETHTOWN SOUTH	C	NCSF	1	2a	NHP	
-SUZY HILL NATURAL AREA	ELIZABETHTOWN NORTH	C	NCSF	1	2a	NHP	
-TATUM MILL POND-CYPRESS BAY	ELIZABETHTOWN NORTH	A	NCSF	2a	9	NHP	RHA
-TURNBULL CREEK SWAMP	ELIZABETHTOWN NORTH	C	NCSF	1	9	NHP	
-WHITE OAK PONDBERRY SITE	ROSEBORO	A	PRV	2A	2A+/8	NHP/TNC *	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BLADEN							
* B							
-AMMON RESINOUS BONESET SITE	ROSEBORO	B	PRV	0	2A		
-BIG COLLY SWAMP	ROWAN, SINGLETARY LAKE, WHITE LAKE	B	PRV	0	A/2A		
-BROADWELL CEDAR STAND	ROSEBORO	B	TNC	A	A/2A	NHP/TNC	POTENTIAL RHA
-PHOEBUS LANDING FOSSIL SITE-CAPE FEAR RIVER	ELIZABETHTOWN	B	PRV	1	2A	NHP	
-SOUTH RIVER AQUATIC HABITAT	TOMAHAWK, ROWAN, GARLAND	B	NC	0	2A/6A	NC/NHP	POTENTIAL ORW OR HQW
-WALKERS BLUFF	SINGLETARY LAKE	B	PRV	2A	2A+	NHP	RHA
* C							
-BEAGLE BAY	WHITE LAKE	C	PRV	0	2A		
-OTTER SLIDE LIMESINK COMPLEX	KELLY	C	PRV	0			
-TUSSOCK BAY	WHITE LAKE	C	PRV	0	2A		
BRUNSWICK							
* A							
BALD HEAD ISLAND COMPLEX MACROSITE							
-BALD HEAD-SMITH ISLAND COMPLEX	KURE BEACH, CAPE FEAR	A	PRV/NCSP /CM	2A/A/0	A/?	NC/TNC	PARTIAL RHA/ESN/POTENTIAL DNP
-BATTERY ISLAND	SOUTHPORT	A	NC/AUD	2A/A	?	AUD	RHA/POTENTIAL DNP
-LOWER CAPE FEAR RIVER AQUATIC HABITAT	WILMINGTON, CAROLINA BEACH, KURE BEACH	B	NC				
-LOWER CAPE FEAR RIVER BIRD NESTING ISLANDS	KURE BEACH, CAROLINA BEACH	B	NC	2A	2A	WRC	PART RHA
-GREEN SWAMP PRESERVE	SUPPLY	A	TNC	A/2A	?	TNC	RHA/POTENTIAL DNP
-MYRTLE HEAD SAVANNA	OLD DOCK, JUNIPER CREEK	A	PRV	1	A	TNC	
SOUTHEASTERN BRUNSWICK COUNTY MEGASITE							
-BIG CYPRESS BAY AND PONDS	LOCKWOODS FOLLY	B	PRV	1	2A/A	TNC *	
-BLUE POND-LIMESINK COMPLEX	CAROLINA BEACH	B	PRV	0	?		
-BOILING SPRING LAKES--LIMESINK COMPLEX	FUNSTON	B	PRV	0	A	TNC *	POTENTIAL ACQUISITION
-BOILING SPRING LAKES--WETLAND COMPLEX	FUNSTON, SOUTHPORT	A	PRV	0		NHP/TNC *	
-GREEN POND AND SAVANNA	FUNSTON	C	PRV	0	?		
-MILITARY OCEAN TERMINAL SUNNY POINT	CAROLINA BEACH, KURE BEACH	A	DOD	1	2A	NHP	
-NC 133 LOOSESTRIFE SITE	CAROLINA BEACH	A					

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BRUNSWICK							
SOUTHEASTERN BRUNSWICK COUNTY MEGASITE							
-ORTON PLANTATION MACROSITE							
-ORTON CREEK SAVANNA	SOUTHPORT	B	PRV	0			
-ORTON POND AND PLANTATION	CAROLINA BEACH	A	PRV	0			
-PLEASANT OAKS PLANTATION	CAROLINA BEACH, WILMINGTON	C	PRV	0			
-SOUTHPORT FERRY LANDING	KURE BEACH, SOUTHPORT	B	PRV	0	2a		
-SUNSET HARBOR-ASH SWAMP	LOCKWOODS FOLLY	B	PRV	0			
WACCAMAW RIVER WETLANDS MEGASITE							
-JUNIPER CREEK	OLD DOCK, JUNIPER CREEK	B	PRV	0	8/2A	TNC *	POSSIBLE ORW OR HQW
-WACCAMAW ISLAND SAVANNA	PIREWAY, FREELAND	B	PRV	0	8/9	TNC *	
-WACCAMAW RIVER FLOODPLAIN	OLD DOCK, FREELAND, PIREWAY, WHITEVILLE	B	PRV/NCSP	0/1/2A	8/9	TNC */NCSP	PARTIAL RHA
* B							
-BRANTLEY ISLAND	SHALLOTTE	B	PRV	0	2a		
-BRYANT MILL (GREENBANK) BLUFF	ACME	B	PRV	0/1	2A+	NHP	
-CAMP BRANCH SAVANNA	JUNIPER CREEK	B	PRV	0	2A+		POSSIBLY DESTROYED
-LONG BAYS SAVANNA AND CAROLINA BAYS	FREELAND	B	PRV	0			
-MONKS ISLAND	SHALLOTTE	B	PRV	0			
-RIEGEL FIRETOWER	HONEY ISLAND	B	PRV/NCSF	0/1	2A	NHP	
-SMITHVILLE CAROLINA BAY COMPLEX	SOUTHPORT	B	PRV	0			
-SPRING CREEK POND	LOCKWOODS FOLLY	B	PRV	0			
-SUNSET BEACH WOOD STORK PONDS	CALABASH	B	PRV	0	2A		
-ZEKE'S ISLAND SANCTUARY	KURE BEACH	B	NCCM	8/9	8/9	NCCM	DNP

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BRUNSWICK							
SOUTHEASTERN BRUNSWICK COUNTY MEGASITE							
-ORTON PLANTATION MACROSITE							
-ORTON CREEK SAVANNA	SOUTHPORT	B	PRV	0			
-ORTON POND AND PLANTATION	CAROLINA BEACH	A	PRV	0			
-PLEASANT OAKS PLANTATION	CAROLINA BEACH, WILMINGTON	C	PRV	0			
-SOUTHPORT FERRY LANDING	KURE BEACH, SOUTHPORT	B	PRV	0	2a		
-SUNSET HARBOR-ASH SWAMP	LOCKWOODS FOLLY	B	PRV	0			
WACCAMAW RIVER WETLANDS MEGASITE							
-JUNIPER CREEK	OLD DOCK, JUNIPER CREEK	B	PRV	0	8/2A	TNC *	POSSIBLE ORW OR HQW
-WACCAMAW ISLAND SAVANNA	PIREWAY, FREELAND	B	PRV	0	8/9	TNC *	
-WACCAMAW RIVER FLOODPLAIN	OLD DOCK, FREELAND, PIREWAY, WHITEVILLE	B	PRV/NCSP	0/1/2A	8/9	TNC */NCSP	PARTIAL RHA
* B							
-BRANTLEY ISLAND	SHALLOTTE	B	PRV	0	2a		
-BRYANT MILL (GREENBANK) BLUFF	ACME	B	PRV	0/1	2A+	NHP	
-CAMP BRANCH SAVANNA	JUNIPER CREEK	B	PRV	0	2A+		POSSIBLY DESTROYED
-LONG BAYS SAVANNA AND CAROLINA BAYS	FREELAND	B	PRV	0			
-MONKS ISLAND	SHALLOTTE	B	PRV	0			
-RIEGEL FIRETOWER	HONEY ISLAND	B	PRV/NCSF	0/1	2A	NHP	
-SMITHVILLE CAROLINA BAY COMPLEX	SOUTHPORT	B	PRV	0			
-SPRING CREEK POND	LOCKWOODS FOLLY	B	PRV	0			
-SUNSET BEACH WOOD STORK PONDS	CALABASH	B	PRV	0	2A		
-ZEKE'S ISLAND SANCTUARY	KURE BEACH	B	NCCM	8/9	8/9	NCCM	DNP

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BRUNSWICK							
* C							
-BIRD ISLAND	LITTLE RIVER	C	PRV	0			
-BRUNSWICK RIVER--CAPE FEAR MARSHES	WILMINGTON	C	PRV	0			
-DROWNED BAY SAVANNA	SHALLOTTE	C	PRV	0			
-GAUSE SAVANNA	CALABASH	C	PRV	0			
-HENRYTOWN SAVANNA	WINNABOW	C	PRV	0			
-PIVERS BAY BOG	EXUM	C	PRV	0			
-SAMPSON POND SINKS	CAROLINA BEACH	C	PRV	0			
-SANDHILL CREEK IMPOUNDMENT	CAROLINA BEACH	C	PRV	0			
-SECESSION MARITIME FOREST	HOLDEN BEACH	C	PRV	0			
-SHALLOTTE FIRETOWER BAY POCOSIN	SHALLOTTE	C	PRV	0			
BUNCOMBE							
* A							
BLACK MOUNTAINS COMPLEX MACROSITE							
-NORTH FORK WATERSHED	MONTREAT, CRAGGY PINNACLE	A	LOCAL	1	2A+	NHP	DECLINED RHA/TRY AGAIN
THE CRAGGIES COMPLEX MACROSITE							
-THE CRAGGIES	CRAGGY PINNACLE, MONTREAT	A	USFS/NPS /LOCAL	A/2B	2B/6B	NHP	PARTIAL RHA
* B							
-BROAD RIVER MOUNTAIN HEARTLEAF SITE	BLACK MOUNTAIN	B	PRV	0	2A	NHP	
-BRUSH FENCE RIDGE-POINT MISERY	MT. MITCHELL, MONTREAT	B	USFS	0	2A	NHP	
-GROVE STONE NATURAL AREA	MONTREAT	B	PRV	1	2A	NHP	DECLINED RHA
-HIGH SWAN-BULL MOUNTAIN	CRAGGY PINNACLE	B	NPS/USFS	2B/1	2B	NPS/USFS	PARTIAL RHA
-MONTREAT WATERSHED	MONTREAT	B	LOCAL	0	2A	NHP	
-MOUNT PISGAH	CRUSO, DUNSMORE	B	NPS/USFS	A/2B	2B	NPS/USFS/NHP	RHA
-NORTH FORK IVY CREEK COVE	MT. MITCHELL	B	USFS	1	2B	NHP	PARTIALLY CUT
-PORTER COVE	OTEEN	B	PRV	1			
-SANDY BOTTOM	SKYLAND	B	PRV	2A	2A+	NHP	RHA
-SNOWBALL MOUNTAIN	CRAGGY PINNACLE	B					
-TURKEY CREEK	LEICESTER	B	PRV	0	2A	NHP	
-WALKER COVE	MONTREAT, MT. MITCHELL	B	USFS	6A/2B	6A/2B	NHP	RHA/RNA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
BUNCOMBE							
* C							
-ALEXANDER CLIFFS AND SLOPES	WEAVERVILLE	C	PRV	0			
-BEARWALLOW MTN.-FACE ROCK	FRUITLAND	C	PRV	1			
-BROAD RIVER NATURAL AREA	BAT CAVE	C	WWC	2A	2A	NHP	RHA
-CAMP SEQUOYAH	CRAGGY PINNACLE	C	PRV	0			
-CEDAR CLIFF KNOB	BARNARDSVILLE	C	USFS	0			
-CEDAR CLIFF-LITTLE CEDAR MOUNTAINS	OTEEN	C	PRV	0			
-FLAT CREEK	WEAVERVILLE. LEICESTER	C	PRV	0			
-PANTHER CLIFFS	LEICESTER	C	PRV	0			
-REEMS CREEK	WEAVERVILLE	C	PRV	0			
-RUMBLING BALD AND SHUMONT MOUNTAINS	LAKE LURE, BAT CAVE	C	PRV	0			
-SAWMILL BRANCH	CRAGGY PINNACLE	C					
-WILLIAMS BRANCH	BARNARDSVILLE	C					
-WOODFIN WATERSHED	CRAGGY PINNACLE	C	LOCAL	1			
BURKE							
* A							
-CAMP CREEK BLUFF	CASAR	A					
-CAMP CREEK NORTH	CASAR	A					
LINVILLE GORGE MACROSITE							
-LINVILLE FALLS	LINVILLE FALLS	B	NPS	8/2B	8/2B	NPS	RHA
-LINVILLE GORGE	LINVILLE FALLS, ASHFORD	A	USFS	8/6A/2B	8/6A/2B	NHP/USFS	RHA/FWA
* B							
-MORGANTON WATERSHED	BENN KNOB	B	LOCAL	0	2A	NHP/PCP	
-SOUTH MOUNTAINS PARK NATURAL AREAS	MORGANTON SOUTH, BENN KNOB	B	NCSP	8/2A	9/2A	NCSP	RHA/POTENTIAL DNP
* C							
-CLEAR CREEK WATERSHED NATURAL AREA	MORGANTON SOUTH, BENN KNOB	C	NCHR/ NCDA	1	5/8/2A	NHP	
-SMITH CLIFF-HENRY FORK RIVER	VALDESE	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CABARRUS							
* B							
-CONCORD RING DIKE-JACKSON SCHOOL NATURAL AREA	CONCORD SE	B	NCHR	2A	2A	NHP	RHA
-GEORGEVILLE SCHWEINITZ'S SUNFLOWER SITE	LOCUST	B	DOT	0		NHP	
* C							
-BACK CREEK GABBRO HILL	CONCORD SE	C	PRV	0			
CALDWELL							
* A							
-GRANDFATHER MOUNTAIN	GRANDFATHER MOUNTAIN	A	PRV/NPS	2A	7/9	NHP	RHA/POTENTIAL DNP
* C							
-BLOWING ROCK HELLER'S BLAZING STAR SITE	GRANDFATHER MOUNTAIN	C	PRV	1	2A	NHP	
CAMDEN							
* A							
DISMAL SWAMP MACROSITE -GREAT DISMAL SWAMP REFUGE AND STATE PARK	LAKE DRUMMOND, SOUTH MILLS	A	FWS/NCSP	8/2A/2B	8/9/2B	FWS/NCSP	RHA/POTENTIAL DNP
CARTERET							
* A							
CAPE LOOKOUT NATIONAL SEASHORE							
-CORE BANKS AND PORTSMOUTH ISLAND	CAPE LOOKOUT AND OTHERS	A	NPS	8/2B	8/2B	NPS	RHA
-SHACKLEFORD BANKS	BEAUFORT, HARKERS ISLAND	A	NPS/PRV	8/2B	8/6A/2B	NPS	RHA
-CEDAR ISLAND REFUGE NATURAL AREAS	ATLANTIC, POINT OF MARSH	A	FWS	8/2B	8/2B	FWS	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CARTERET							
* A							
CROATAN NATIONAL FOREST MEGASITE							
-CROATAN LYSIMACHIA SITES	MASONTOWN, SALTER PATH	A	USFS	1	6A	USFS/NHP	
-CROATAN NATIONAL FOREST (GENERAL)	HADNOT CREEK, MASONTOWN, HAVELOCK, OTHER	B	USFS	0/1	2B/6A	NHP	
-CROATAN POCOSINS	HADNOT CK, CATFISH LK, MASONTOWN, MAYSV.	A	USFS	2B/6A	2B/6A	NHP/USFS	RHA/RNA/FWA
-HADNOT CREEK NATURAL AREA	MAYSVILLE	C	PRV	2A	2A	NHP	RHA
-HADNOT CREEK PONDS AND LONGLEAF WOODS	MAYSVILLE	C	USFS	1		USFS	
-MASONTOWN POCOSIN	MASONTOWN	C	USFS	1		USFS	
-MILLIS ROAD LONGLEAF PINE SAVANNA AND POCOSIN	MASONTOWN	A	USFS	2B	6A/2B	NHP/USFS	RHA/POTENTIAL RNA
-NINE FOOT ROAD LIMESINK COMPLEX	MASONTOWN	C	USFS	1	2B	USFS	
-PATSY POND COMPLEX	SALTER PATH	A	USFS	1/2B	6A/2B	NHP/USFS	RHA
-PRINGLE ROAD CAROLINA BAYS	SALTER PATH, SWANSBORO, MAYSVILLE	C	USFS	1	2B	USFS	
-UNION POINT POCOSIN	NEWPORT	C	USFS	1		USFS	
-WHITE OAK RIVER-CEDAR POINT MARSHES	MAYSVILLE, SWANSBORO	B	USFS	1	2B	NHP/USFS	RHA
-WILDBERRY WOODS	SALTER PATH	C	PRV	2A	5	TNC	RHA
-EMERALD ISLE WOODS	SWANSBORO	A	PRV	0	B		
-ROOSEVELT NATURAL AREA	MANSFIELD	A	NCSP/PRV	B/2A/0	9	NCSP	RHA/PROPOSED DNP
* B							
-ATLANTIC NATURAL AREA	ATLANTIC	B	PRV/DUKE	0			
-BOGUE INLET HERONRY	SWANSBORO	B	PRV/AUD	0/1	2A	NAS	
-BRANT ISLAND NESTING COLONY	BEAUFORT	B	NC-	2A	2A	NHP	RHA
-BROWNS ISLAND	HARKERS ISLAND	B	PRV	0			
-CORE SOUND (WAINWRIGHT) NESTING ISLANDS	WAINWRIGHT ISLAND	B	NC	0	2A	NHP	
-EMERALD ISLE, WEST END BEACH	SWANSBORO	B		0		NHP	
-MORGAN ISLAND NESTING COLONY	HARKERS ISLAND	B	PRV	0	2A	NHP	
-NEW DUMP ISLAND NESTING COLONY	ATLANTIC	B	NC	2A	2A	NHP	RHA
-OCRACOKE INLET BIRD NESTING ISLANDS	PORTSMOUTH	B	AUD	B	9/2A	AUD	PROPOSED DNP
-PHILLIPS AND ANNEX ISLANDS NESTING COLONY	BEAUFORT	B	PRV	0	B	AUD	
-RACHEL CARSON NATIONAL ESTUARINE RESERVE	BEAUFORT, HARKERS ISLAND	B	NCCM	9	9	NCCM	DNP/FSN
-SANDBAG ISLAND NESTING COLONY	HARKERS ISLAND	B	NC-	2A	2A	NHP	RHA
-WALKERS MILLPOND	NEWPORT	B	PRV	0/2A	2A	NHP	PARTIAL RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CARTERET							
* C							
-BARDEN INLET-LIGHTHOUSE CHANNEL NESTING ISLANDS	HARKERS ISLAND	C					
-CEDAR ISLAND SHELL MIDDEN	NORTH BAY	C					
-FORT MACON PARK NATURAL AREA	BEAUFORT	C	NCSP	2A	2A	NCSP	RHA
-NINE FOOT ROAD SAVANNA	SALTER PATH	C	USFS	1	2B	NHP	
-NORTH RIVER MARSHES	HARKERS ISLAND	C	PRV	0			
-SALTER PATH DUNES NATURAL AREA	SALTER PATH	C	NCMA	2A	2A	NHP	RHA
-SEA GATE WOODS	CORE CREEK	C	PRV	1	7	NCCF	
CASWELL							
* A							
-FROGSBORO UPLAND DEPRESSION FOREST	RIDGEVILLE	A	NCWRC/ PRV	1	2A	WRC/NHP	
* B							
-CANE BRANCH SLOPE	RINGGOLD	B	PRV	0	2A	NHP	
-CASWELL UPLAND HARDWOOD FOREST	YANCEYVILLE, ANDERSON, CHERRY	B	NSL/NCWR C/PRV	1/2A	2A	NHP	PARTIAL RHA
* C							
-STONY CREEK FLATS	CHERRY GROVE	C	PRV	0	2A	NHP	
CATAWBA							
* B							
-CATAWBA COUNTY WILDLIFE CLUB HEARTLEAF SITE	BANOAK	B	PRV	2A	2A	NHP	RHA
CHATHAM							
* A							
-ROCKY RIVER-DEEP RIVER AQUATIC HABITAT	COLON	A	NC	1	A/9/2A	TLC/NHP	POSSIBLE ORW/HQW
* B							
-DONNELLEY BOG	CRUTCHFIELD CROSSROADS, SILER CITY	B	TNC	A	A/2A	TNC	POTENTIAL RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CHATHAM							
* B							
JORDAN LAKE NATURAL AREAS MACROSITE							
-BALD EAGLE ROOST SITE	GREEN LEVEL	B	NCSU	1	2B		
-BIG WOODS-OLD QUARRY CREEK	FARRINGTON	C	COE	1	2B	COE/NHP	PROPOSED RHA
-JORDAN LAKE BALD EAGLE FORAGING HABITAT	GREEN LEVEL	A	COE	1	2B	WRC	
-POE'S RIDGE	MERRY OAKS	C	COE	1	2B	COE/NHP	PROPOSED RHA
-ROBESON CREEK	MERRY OAKS	C	COE	1	2B	WRC/NHP	PROPOSED RHA
-WEAVER CREEK PINE FOREST	MERRY OAKS, NEW HILL	C	COE	1	2B	WRC/NHP	PROPOSED RHA
-WINDFALL BRANCH OAK SLOPES	MERRY OAKS	C	COE	1	2B	WRC/NHP	PROPOSED RHA
-WHITE PINES NATURAL AREA	COLON	B	PRV	1/8/2A	8/9/2A/5	TLC/NHP	RHA/DNP
* C							
-BENNETT MOUNTAIN	FARRINGTON	C	PRV	0	2A		
-CAPE FEAR RIVER-BUCKHORN LEVEES	COKESBURY	C	PRV	0			
CHEROKEE							
* B							
-DIE BEND	MURPHY	B	USFS/PRV	0			
* C							
-GIPP CREEK	ANDREWS	C	USFS	0	2B		ORW DESIGNATION
CHOWAN							
* C							
-GALLBERRY SWAMP	VALHALLA	C	NC	0		WRC/NHP	
CLAY							
* A							
-BUCK CREEK SERPENTINIZED OLIVINE BARRENS	RAINBOW SPRINGS, SHOOTING CREEK	A	USFS	1/2B	6A/2B	NHP/USFS	PARTIAL RHA
-CHUNKY GAL-RILEY KNOB	RAINBOW SPRINGS, SHOOTING CREEK	A	USFS	2B	6A/2B	NHP/USFS	RHA
-LAKE CHATUGE GREEN PITCHER PLANT SITES	HIAWASSEE	A	PRV/TNC	1/8	8	TNC	
* B							
-FIRES CREEK AQUATIC HABITAT	HAYESVILLE	B	USFS	1			ORW DESIGNATION
-STANDING INDIAN MOUNTAIN	RAINBOW SPRINGS, OTHERS	B	USFS	6A/2B	6A/2B	NHP/USFS	RHA/FWA
-WHITE OAK STAMP	RAINBOW SPRINGS	B	USFS	2B	6A/2B	NHP/USFS	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CLAY							
* C							
-BUCK CREEK BOG	SHOOTING CREEK	C	USFS	0			
-CLEAR CREEK BOG	TOPTON	C	USFS	0			
CLEVELAND							
* A							
-BRUSHY CREEK BLUFF	POLKVILLE	A					
* C							
-SANDY RUN BLUFF	BOILING SPRINGS SOUTH	C	PRV	0			
COLUMBUS							
* A							
WACCAMAW RIVER WETLANDS MEGASITE							
-JUNIPER CREEK	OLD DOCK, JUNIPER CREEK	B	PRV	0	8/2A	TNC*	POSSIBLE ORW OR HQW
-LAKE WACCAMAW AND WACCAMAW RIVER AQUATIC HABITAT	LAKE WACCAMAW EAST, LAKE WACCAMAW WEST,	A	PRV/NCSP	0/8/2A	8/9	TNC/NCSP*	PARTIAL RHA, POTENTIAL DNP
-SCHULKENS SAVANNAS	OLD DOCK, NAKINA	A	PRV	1	8/2A	NHP/TNC	
-WACCAMAW RIVER FLOODPLAIN	OLD DOCK, FREELAND, PIREWAY, WHITEVILLE	B	PRV/NCSP	0/1/2A	8/9	TNC * /NCSP	PARTIAL RHA
-WARD'S LAKE	FREELAND	A	PRV	1	8	TNC	
-WHITE MARSH	WHITEVILLE	C	PRV	0			
* B							
-CYPRESS CREEK/HWY 130 BOG AND SAVANNA	NAKINA	B	PRV	0/2A	2A	TNC*	PARTIAL RHA
-LUMBER RIVER BIG SANDY RIDGE SWAMP	FAIR BLUFF	B	PRV	0	8/2A		
-MARK PINE BAY COOLEY'S MEADOWRUE SITE	OLD DOCK	B	PRV	0	8/2A	NHP	
-NAKINA SAVANNA	NAKINA	B	PRV	0	2a+	NHP	
* C							
-CROSS BAY SAVANNA	TABOR CITY WEST	C	PRV	0			
-NEILS EDDY LANDING	ACME	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
COLUMBUS							
* B							
-BOGUE INLET OUTCROP	NEW RIVER-CAPE FEAR, NOAA	B	NCMF	2A	2A	NHP	RHA
-MASONBORO OUTCROP	NEW RIVER-CAPE FEAR, NOAA	B	NCMF	2A	2A	NHP	RHA
-NEW RIVER INLET OUTCROP	NEW RIVER-CAPE FEAR, NOAA	B	NCMF	2A	2A	NHP	RHA
-TOPSAIL OUTCROP	NEW RIVER-CAPE FEAR, NOAA	B	NCMF	2A	2A	NHP	RHA
CRAVEN							
* A							
CROATAN NATIONAL FOREST MEGASITE							
-CROATAN NATIONAL FOREST (GENERAL)	HADNOT CREEK, MASONTOWN, HAVELOCK, OTHER	B	USFS	0/1	2B/6A	NHP	
-CROATAN POCOSINS	HADNOT CK, CATFISH LK, MASONTOWN, MAYSV.	A	USFS	2B/6A	2B/6A	NHP/USFS	RHA/EWA
-FLANNER BEACH	HAVELOCK	C	USFS/PRV	2B/1	2B	NHP	PARTIAL RHA
-GREAT LAKE SWAMP FOREST	HADNOT CREEK, CATFISH LAKE	B	PRV/USFS	1/2B	8/6A/2B	TNC/USFS*	PARTIAL RHA
-GUM SWAMP BOTTOMLAND HARDWOOD FOREST	HAVELOCK	C	USFS	2B	2B	NHP/USFS	RHA
-LAKE ELLIS SIMON	MAYSVILLE, MASONTOWN	A	PRV	2A	7	TNC*	RHA
-LITTLE ROAD LONGLEAF SAVANNAS	CATFISH LAKE	B	USFS	2B	2B	NHP/USFS	RHA
-REEDY BRANCH	POLLOCKSVILLE	A	PRV				
* B							
-FORT BARNWELL BLUFFS	FORT BARNWELL	B	PRV	0	2A+	NHP	
-SHELL LANDING	JASPER	B	PRV	2A	2A	NHP	RHA
* C							
-DEEP GULLY	POLLOCKSVILLE	C	PRV	0	2A	NHP	
-DOVER CAROLINA BAYS	COVE CITY, DOVER	C	PRV	0			
-FOREST WET HARDWOOD FLAT	ASKIN	C	PRV	0			
-LITTLE LAKE	MASONTOWN	C	PRV	1			
-NEUSE RIVER FLOODPLAIN AND BLUFF SYSTEM	AYDEN, VANCEBORO, JASPER, ASKIN	C	PRV	0			
-PERFECTION SWAMP FOREST	FORT BARNWELL	C	PRV	1			LARGELY DESTROYED
-TRENT RIVER-BRICE CREEK MARSH	NEW BERN	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CUMBERLAND							
* A							
BLADEN LAKES NATURAL AREAS MEGASITE							
-BUSHY LAKE CAROLINA BAY	ROSEBORO	A	NCSP/PRV	8/0	8/9	NCSP/TNC*	RHA/POTENTIAL DNP
-FORT BRAGG	MANY QUADS	A	DOD	1	2B/6A	NHP/FWS	
* B							
-CAPE FEAR RIVER AND CARVERS CREEK	SLOCOMB	B	NC	0	2A		
-CAPE FEAR RIVER BLUFF	WADE	B	PRV	2A	2A	NHP	RHA
-GORDON BUTLER-HOPE MILLS PRESERVE	HOPE MILLS	B	NCBG	2A	2A	NCBG	RHA
-LITTLE ROCKFISH CREEK LONGLEAF PINE FOREST	HOPE MILLS	B	PRV	1	7/A	TNC*	
* C							
-CARVER'S FALLS	SLOCOMB	C	PRV	2A	2A	PRV/NHP	RHA
-CLARK PARK NATURAL AREA	VANDER	C	LOCAL	2A	2A	LOCAL	RHA
-DUCK POND SWAMP CAROLINA BAYS	VANDER	C	PRV	0			
-OVERHILLS ESTATE	OVERHILLS, LOBELIA	C	PRV	0	2A+		
-SLOCOMB LOBLOLLY-CYPRESS WOODS	SLOCOMB	C	PRV	0			
CURRITUCK							
* A							
-NORTH RIVER SWAMP FOREST AND MARSH	BARCO	A	PRV	0/1	7/2A	TNC/NHP	
* B							
-CURRITUCK MAINLAND MARSHES	COROLLA	B	PRV	0			
CURRITUCK OUTER BANKS MACROSITE							
-CURRITUCK BANKS ESTUARINE RESERVE	COROLLA	A	NCCM	9	9	NCCM	DNP
-CURRITUCK CLUB NATURAL AREA	MOSSEY ISLANDS	A	PRV	2A	2A+	NHP	RHA
-CURRITUCK NWR (MONKEY AND SWAN TRACTS)	COROLLA, BARCO	A	FWS/TNC/ PRV	1/8	6A/2B	FWS	
-MONKEY ISLAND HERONRY	COROLLA	B	FWS/ LOCAL	8	6A/2B	FWS/NHP	
-PINE ISLAND AUDUBON SANCTUARY	MOSSEY ISLANDS, JARVISBURG	A	AUD	8/2A	9	AUD	RHA
-GREAT MARSH	KNOTTS ISLAND	B	RWS/PRV	0	2A	NHP	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
CURRITUCK							
* C							
-MACKAY ISLAND NWR (GREAT MARSH AND UNIT SIX)	KNOTTS ISLAND	C	FWS	2B	2B	FWS	PARTIAL RHA
-NORTH RIVER GAME LAND	COINJOCK, SHILOH, CURRITUCK	C	NCWRC	1	2A	NCWRC	
-NORTHWEST RIVER GAME LAND	MOYOCK, CREEDS	C	NCWRC	1	2A	NCWRC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
DARE							
* A							
ALLIGATOR RIVER WETLANDS MEGASITE							
-ALLIGATOR RIVER REFUGE--CENTRAL SECTION	BUFFALO CITY, EAST LAKE SE, EAST LAKE	C	FWS/DOD	8/2B	2B/6A	FWS/NHP	
-ALLIGATOR RIVER REFUGE--SOUTHEAST MARSHES	LONG SHOAL PT ENGLEHARD NE STUMPY PT	C	FWS	8	2B/6A	FWS	
-ALLIGATOR RIVER SWAMP FOREST	ENGELHARD NW, FAIRFIELD, BUFFALO CITY	A	FWS/DOD	1/8/2B	6A/2B	FWS/DOD	PART OF DOD LANDS ARE RHA
-EAST LAKE POCOSIN	EAST LAKE SE, MANNS HARBOR	C	FWS	8	2B	FWS	
-FAIRCLOTH ROAD POND PINE POCOSIN	ENGELHARD NE, E. NW, LONG SHOAL POINT	B	DOD	2B	6A/2B	NHP	RHA, THREATENED
-MASHOES MARSHES	MANNS HARBOR, EAST LAKE	C	FWS	8	2B	FWS	
-MASHOES POCOSIN	MANNS HARBOR, EAST LAKE	C	FWS	8	2B	FWS	
-ROANOKE-STUMPY POINT MARSHES AND POCOSIN	MANNS HARBOR, WANCHESE, EAST LAKE SE	C	FWS	8	2B	FWS	
-US 264 LOW POCOSIN (FLOATING PEAT BOG)	ENGELHARD NE & NW, LONG SHOAL	A	PRV/DOD	1/2B	8/2B	TNC*	DOD PORTION IS RHA
CAPE HATTERAS NATIONAL SEASHORE MACROSITE							
-BODIE ISLAND LIGHTHOUSE POND	OREGON INLET	B	NPS	8/2B	2B	NPS	RHA
-BODIE ISLAND ROADSIDE PONDS AND MARSHES	ROANOKE ISLAND NE, OREGON INLET	B	NPS	8/2B	2B	NPS	RHA
-BUXTON WOODS	BUXTON, CAPE HATTERAS	A	NPS/PRV/ NCCM	0/8	8/6A/2B	NPS/NCCM	PARTIAL RHA
-CAPE HATTERAS POINT	CAPE HATTERAS	A	NPS	8/2B	2B	NPS	RHA
-HATTERAS ISLAND--MIDDLE SECTION	LITTLE KINNIKEET, RODANTHE	B	NPS	8	?	NPS	
-HATTERAS NESTING COLONY	HATTERAS	B	NC	2A	2A	NHP	RHA -HATTERAS S
TS HATTERAS B NPS	8/2B 2B		NPS	RHA			
-TURTLE POND AND (CAPE HATTERAS) LIGHTHOUSE POND	BUXTON	C	NPS	8/2B	2B	NPS	RHA
-JOCKEY'S RIDGE	MANTEO	A	NCSP	8/2A	2A	NCSP	RHA
-KITTY HAWK WOODS	KITTY HAWK	A	PRV	1	8	TNC/NHP	
-NAGS HEAD WOODS	MANTEO, KITTY HAWK	A	TNC/PRV/ LOCAL	8/9/2A/0	7/8/9/2A	TNC*	PARTIAL RHA/PARTIAL DNP
-PEA ISLAND NATIONAL WILDLIFE REFUGE	OREGON INLET, PEA ISLAND	A	FWS	8/2B	8/2B	FWS	PARTIAL RHA
-SOUTHERN SHORES CYPRESS SWAMP	KITTY HAWK	A	PRV	1	2A	TNC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
DARE							
* B							
-OREGON INLET-ROANOKE SOUND BIRD NESTING ISLANDS	OREGON INLET	B	NC/PRV	0/2A	2A	NHP	PARTIAL RHA
-ROANOKE ISLAND JUNCUS MARSH	MANTEO	B	PRV/TNC	1/8	8/2A+	NHP/TNC	PARTIAL RHA
* C							
-COLINGTON WOODS	KITTY HAWK, MANTEO	C	PRV	0			
-DURANT ISLAND	EAST LAKE	C	PRV	1	7/8		
-GULL ISLAND NESTING COLONY	LITTLE KINNAKEET	C	NC	0	2A	NHP	
DAVIDSON							
* B							
-BEAVERDAM CREEK/GRASSY FORK HEARTLEAF PLAINTAIN S.	DENTON	B	PRV	0/4A	2A+/4A	TNC	PARTIAL RHA, POSSIBLE HQW
-FLAT SWAMP CREEK HEARTLEAF PLANTAIN SITE	GRIST MOUNTAIN	B	PRV	0	2A+	NHP	POSSIBLE HQW
* C							
-BOONE'S CAVE NATURAL AREA	CHURCHLAND	C	NCSP	8/2A	2A	NCSP	RHA
DAVIE							
* A							
-COOLEEMEE PLANTATION ORBICULAR DIORITE AREA	CHURCHLAND	A	PRV	2A	2A	NHP	RHA
* C							
-COOLEEMEE PLANTATION-YADKIN RIVER SLOPES	CHURCHLAND	C	PRV	1	2A		DECLINED RHA
-DAVIE FAULT	FARMINGTON	C	PRV	0			
DUPLIN							
* C							
-MAGNOLIA WELL LIMESINK	WARSAW SOUTH	C	PRV	1			
DURHAM							
* A							
-ENO RIVER DIABASE SILL	NORTHEAST DURHAM	A	PRV	2A	2A/4A/8	NHP/TNC	RHA
* B							
-BENNETT PLACE	NORTHWEST DURHAM	B	NCCUL	2A	2A	NCCUL	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
DURHAM							
* B							
DUKE FOREST NATURAL AREAS MACROSITE							
-GATE 9 POND	NORTHWEST DURHAM	B	DUKE	1	2A	NHP	DECLINED RHA, TRY AGAIN
-LOBLOLLY PINE ALLUVIAL SITE	NORTHWEST DURHAM	C	DUKE	1	2A	NHP	DECLINED RHA, TRY AGAIN
-LOBLOLLY-SHORTLEAF PINE STAND	NORTHWEST DURHAM	C	DUKE	1	2A	NHP	DECLINED RHA/TRY AGAIN
-ENO RIVER BLUE WILD INDIGO SLOPE	NORTHEAST DURHAM	B	ENO	8/2A	8/2A	ENO	RHA
FALLS LAKE NATURAL AREAS MACROSITE							
-CABIN BRANCH CREEK	NORTHEAST DURHAM	C	COE	1	2B	WRC/NHP	PROPOSED RHA
-CATSBURG NATURAL AREA	NORTHEAST DURHAM	B	COE	1	2B	WRC/NHP	PROPOSED RHA
-LICK CREEK BOTTOMLAND FOREST	BAYLEAF	C	COE	1	9/2B	NHP/WRC	PROPOSED RHA
-NEW HOPE CREEK BOTTOMLAND FOREST	SOUTHWEST DURHAM	B	COE	1	2A	WRC/NHP	PROPOSED RHA
-PENNY'S BEND-ENO RIVER	NORTHEAST DURHAM	B	COE/NCBG	1	2B	NCBG/NHP	PROPOSED RHA
-FLAT RIVER BEND	LAKE MICHIE	C	COE	1	2A	WRC/NHP	PROPOSED RHA
-HILL FOREST FLAT RIVER SLOPES ABOVE LAKE MICHIE	ROUGEMONT, LAKE MICHIE	B	NCSU/PRV	1	2A	NHP	PROPOSED RHA/DNP
* C							
-ENO RIVER PARK NATURAL AREAS	HILLSBOROUGH, NW DURHAM	C	NCSP	8B	8B	NHP	RHA
EDGECOMBE							
* A							
-TAR RIVER (EDGECOMBE/NASH/FRANKLIN) AQUATIC HAB.	TARBORO, DRAKE, RED OAK, OTHERS	A		0			POSSIBLE HQW
* B							
-BEECH BRANCH-TAR RIVER MEANDER LOOP	HARTSEASE	B	PRV	0			
-FISHING CREEK FLOODPLAIN FORESTS	TARBORO	B	PRV	0			
-SWIFT CREEK SWAMP FOREST	WHITAKERS	B	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
EDGECOMBE							
* C							
-BEECH BRANCH FLOODPLAIN	WHITAKERS	C	PRV	0			
-BYNUM MILL CREEK FLOODPLAIN	PINETOPS	C	PRV	0			
-COKEY SWAMP	HARTSEASE	C	PRV	0			
-COKEY SWAMP TRIBUTARY FLOODPLAIN	PINETOPS	C	PRV	0			
-CONETOE CREEK BOTTOMLAND FOREST	CONETOE	C	PRV	0			
-OTTER CREEK TRIBUTARY FLOODPLAIN	FALKLAND	C	PRV	0			
-SR 1400 HARDWOOD SLOPE	DRAKE, WHITAKERS	C	PRV	0			
-TAR RIVER FLOODPLAIN	OLD SPARTA, TARBORO, ROCKY MOUNT, SPEED.	C	PRV	0			
FORSYTH							
* C							
-BELEWS CREEK BOG/MARSHES	BELEWS CREEK	C	PRV	0		NHP	
-YADKIN RIVER BLUFFS	VIENNA	C	PRV	1	2A	NHP	FORMER RHA. TRY AGAIN
FRANKLIN							
* A							
-NORRIS CREEK MICHAUX'S SUMAC SITE	BUNN WEST	A	PRV	0	2A+	NHP/TNC	
-TAR RIVER (EDGECOMBE/NASH/FRANKLIN) AQUATIC HAB.	TARBORO, DRAKE, RED OAK, OTHERS	A					
* B							
-COUNTY LINE FLATROCKS	WILTON	B	PRV	0	2A	NHP	
-OVERTON ROCK	JUSTICE	B	PRV	2A	5?	NHP/TNC *	RHA
* C							
-BUNN FLATROCK	BUNN WEST	C	PRV	0			
-CEDAR ROCK CHURCH FLATROCK	JUSTICE	C	PRV	0			
-TAR RIVER LEVEE	INGLESIDE	C	PRV	0			
-WILDER QUARRY QUILLWORT SITE	JUSTICE	C	PRV	0			
GASTON							
* B							
-CROWDERS MOUNTAIN-KINGS MOUNTAIN PINNACLE	KINGS MOUNTAIN	B	NCSP/PRV	0/8/2A	8/2A	NCSP	PARTIAL RHA
* C							
-RANKIN HARDWOOD FOREST	MOUNT HOLLY	C	PRV	1	5/2A	TNC	POTENTIAL EASEMENT

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
GATES							
* A							
DISMAL SWAMP MACROSITE							
-GREAT DISMAL SWAMP REFUGE AND STATE PARK	LAKE DRUMMOND, SOUTH MILLS	A	FWS/NCSP	8/2A/2B	8/9/2B	FWS/NCSP	RHA/POTENTIAL DNP
-DISMAL SWAMP FERN HABITAT	SUNBURY	B	PRV	0/2A	5	NHP/TNC	PARTIAL RHA
* B							
CHOWAN RIVER MACROSITE							
-CHOWAN SAND RIDGE	WINTON	B	PRV	0	7/A	TNC *	
-CHOWAN SWAMP-BENNETTS CREEK	BECKFORD, WINTON	C	WRC/NCFF /PRV	1/8	8/9/2A	NHP	
-MERCHANTS MILLPOND NATURAL AREA	MERCHANTS MILLPOND	B	NCSP/PRV	8/2A	9	NCSP *	RHA/POTENTIAL DNP
GRAHAM							
* A							
-CHEOAH RIVER AQUATIC HABITAT	TAPOCO, FONTANA DAM	A	NC	0		NHP	POSSIBLE HUW
-JOYCE KILMER WILDERNESS NATURAL AREA	SANTEETLAH CREEK, TAPOCO	A	USFS	6A/2B	6A/2B	USFS/NHP	RHA/EWA
* B							
-SANTEETLAH BLUFFS	SANTEETLAH CREEK, BIG JUNCTION	B	USFS	2B	6A/2B	USFS/NHP	RHA/PROPOSED RNA
* C							
-TULULA BOG	HEWITT	C	LOCAL/PR V	1			PARTIALLY DESTROYED
GRANVILLE							
* A							
BUTNER NATURAL AREAS MACROSITE							
-BUTNER DIABASE-SMOOTH CONEFLOWER GLADES	STEM	A	NCDA	1	2A	NHP	
-KNAP OF REEDS CREEK DIABASE-CLEARINGS AND LEVEE	LAKE MICHIE	B	COE/NCHR	1	2A/2B	NHP/COE	PROPOSED PARTIAL RHA
-KNAP OF REEDS CREEK DIABASE-FOREST AND GLADES	LAKE MICHIE	B	NCHR	1	2A		
-KNAP OF REEDS CREEK RAVINE	LAKE MICHIE	C	NCDA	1	2A	NHP	
-MURDOCH CENTER DIABASE SILL	STEM	C	NCHR	1	2A	NHP	
-NORTHSIDE SMOOTH CONEFLOWER SITE	NORTHEAST DURHAM	B	COE	1	2B	WRC/NHP	PROPOSED RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
GRANVILLE							
* A							
BUTNER NATURAL AREAS MACROSITE(cont.)							
-SOUTH BUTNER CEDAR GLADES	NORTHEAST DURHAM	A	NCHR	2A	2A	NHP	RHA
-SOUTH BUTNER DIABASE SWAMP	NORTHEAST DURHAM	B	NCHR	0	2A	NHP	
-SOUTH BUTNER DIABASE-PINE FOREST	NORTHEAST DURHAM	B	PRV	0	2A	NHP	
-SOUTH BUTNER HARDWOOD FOREST	NORTHEAST DURHAM	B	NCHR	1	2A	NHP	DEVELOPMENT PLANNED
-UMSTEAD HOSPITAL PINE-OAK FOREST	LAKE MICHIE	B	NCHR	1	2A	NHP	
-TAR RIVER (GRANVILLE) AQUATIC HABITAT	MORIAH, BEREA, STEM, WILTON	A					
* B							
FALLS LAKE NATURAL AREAS MACROSITE							
-BEAVERDAM LAKE SWAMPS AND ARKOSE OUTCROPS	CREEDMOOR	C	COE/WRC	1	2B	WRC/NHP	PROPOSED RHA
-DIABASE SILL NEAR CLAY	WILTON	B					
-GOSHEN GABBRO FOREST	TRIPLE SPRINGS	B	PRV	0	2A	NHP	
* C							
-PYROPHYLLITE RIDGE MONADNOCKS	MORIAH	C	PRV	0	2A		
GUILFORD							
* C							
-JAMESTOWN MEANDER SCARS	HIGH POINT E	C	PRV	0			
HALIFAX							
* A							
ROANOKE RIVER MEGASITE							
-HILLS FERRY	PALMYRA	B	PRV	0	2A	NHP	
-LARKSPUR RIDGE	HALIFAX	B	PRV	2A	4A/8	NHP/TNC *	RHA
-PIERCE'S FARM HERONRY	WELDON	C	PRV	0	2A	NHP	
-ROANOKE BIG OAK WOODS	HALIFAX	B	PRV	2A	2A+	NHP	RHA
-TEMPLE ROANOKE RIVER FOREST	NORFLEET	B	PRV	1	2A	NHP	
-BUZZARD POINT	WOODVILLE, PALMYRA	B	WRC	8	9/2A/4A	NHP/WRC	POTENTIAL DNP
-PHLOX WOODS	WELDON	B	PRV	2A	2A/4A	NHP	RHA
-VENTOSA PLANTATION	NORFLEET, PALMYRA	B	PRV	2A	8/2A	NHP	RHA
* C							
-MEDOC MOUNTAIN PARK NATURAL AREAS	HOLLISTER, AURELIAN SPRINGS ESSEX, OTHERS	C	NCSP	8/2A	2A	NCSP	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
HARNETT							
* A							
-FORT BRAGG	MANY QUADS	A	DOD	1	2B/6A	NHP/FWS	
-NEALS CREEK AQUATIC HABITAT	LILLINGTON	A		0			
* B							
-RAVEN ROCK STATE PARK	MAMERS	B	NCSP	8/2A	2A	NCSP	RHA
* C							
-OVERHILLS ESTATE	OVERHILLS, LOBELIA	C	DOD/PRV	0			
HAYWARD							
* A							
-BALSAM GAP NATURAL AREA	HAZELWOOD	A	NPS	8/2B	8/2B	NPS	RHA
-FLAT LAUREL GAP BOG	CRUSO	A	NPS	8/2B	8/2B	NPS	RHA
-GREAT SMOKY MOUNTAINS NATIONAL PARK	CLINGMANS DOME, SILERS BALD, SMOKEMONT, OTHERS	A	NPS	8/6A/2B	8/6A	NPS	RHA, MAB, PROPOSED EWA
-STEESTACHEE & WESNER BALDS BOULDER FIELDS	HAZELWOOD	A	NPS	8/2B	8/2B	NPS	RHA
* B							
-DANIEL BOONE SCOUT CAMP	WAYNESVILLE	B	BSA	0	2A	NHP	
-FINES CREEK	FINES CREEK	B	USFS	0	2A	USFS	
-FORK RIDGE-MOUNT HARDY	SAM KNOB	B	NPS/USFS	8/2B/6B	2B/6B	NPS/USFS/NHP	RHA/EWA
-GRAVEYARD FIELDS	SHINING ROCK, SAM KNOB	B	USFS	1			
-MOUNT PISGAH	CRUSO, DUNSMORE	B	NPS/USFS	8/2B	2B	NPS/USFS/ TNC +	RHA
-PLOTT BALSAMS	SYLVA NORTH, HAZELWOOD	B	PRV	0			PARTIAL RHA
-REDBANK COVE	HAZELWOOD	B	NPS/PRV	0/8/2B	8/2B	NPS	
-WATERROCK KNOB	SYLVA NORTH	B	NPS	8/2B	8/2B	NPS	PARTIAL RHA
* C							
-CHESTNUT BALD-SILVERMINE BALD	SAM KNOB	C	NPS	8/2B	8/2B	NPS	RHA
-FRYING PAN GAP	CRUSO	C	NPS	2B	2B	NPS	RHA
-PIGEON RIVER GORGE	COVE CREEK GAP, WATERVILLE	C	USFS/PRV	1			
-SHINING ROCK WILDERNESS AREA	SHINING ROCK, CRUSO, SAM KNOB WAYNESVILLE	C	USFS	6A	6A	USFS	EWA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
HENDERSON							
* A							
-BAT FORK BOG	HENDERSONVILLE	A	PRV	0	8	TNC	
-EAST FLAT ROCK BOG REMNANT	HENDERSONVILLE	A	PRV	4A	4A	TNC	MANAGMENT AGREEMENT
-ETOWAH BOG	HORSE SHOE	A	PRV	2A	8/9	NHP/TNC *	RHA/POTENTIAL DNP
-ETOWAH SWAMP	HORSESHOE	A					
-KING CREEK BOG	HENDERSONVILLE	A	PRV	1	8	NHP	DECLINED RHA
-OCHLAWAHA BOG	HENDERSONVILLE	A	PRV/TNC	1/8	8/4A	NHP/TNC *	
* B							
-FRANKLIN BOG	HORSE SHOE	B	PRV	0/2A	8/2A	NHP/TNC *	RHA/POTENTIAL DNP
-GREEN RIVER NARROWS AND PULLIAM CREEK	CLIFFIELD MOUNTAIN	B					
-KANUGA CONFERENCE CENTER RARE PLANT SITE	HORSE SHOE	B	PRV	2A	2A	NHP	RHA
-LAUREL BRANCH MOUNTAIN HEARTLEAF HABITAT	HENDERSONVILLE	B	PRV	0	2A+	NHP	
-MEMMINGER'S WOODS	HENDERSONVILLE	B	PRV	2A	2A/4A	NHP	RHA
-MOUNT PISGAH	CRUSO, DUNSMORE	B	NPS/USFS	8/2B	2B	NPS/USFS/ TNC	RHA
-MUD CREEK BUNCHED ARROWHEAD SITE	HENDERSONVILLE	B	PRV	1	8/4A	NHP	
* C							
-BALD TOP MOUNTAIN	FRUITLAND	C	PRV	0			
-FOSTER CREEK BOG	SKYLAND	C	PRV?	0			
-GREEN RIVER GORGE	CLIFFIELD MOUNTAIN	C	PRV	0			
-HUNGRY RIVER GORGE	CLIFFIELD MOUNTAIN	C	PRV	0			
-MUD CREEK BRIDGE AND EUBANK SWAMP REMNANT	HENDERSONVILLE	C	PRV	0			
-PINE KNOB MINE AREA	HORSE SHOE	C	PRV	0			
-SOUTH MILLS RIVER SCARLET OAK AREA	PISGAH FOREST	C	USFS	8/2B	2B	USFS/NHP	RHA
-WORLDS EDGE / SUGARLOAF MOUNTAIN	BAT CAVE, LAKE LURE	C	PRV	1	2A	NHP	
HERTFORD							
* B							
-UNION CAMP CHOWAN RIVER NATURAL AREAS	WINTON	B	PRV	2A	2A/4A	NHP	RHA
* C							
-MEHERRIN RIVER BLUFFS	MURFREESBORO	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
HOKE							
* A							
-ANTIOCH CHURCH CAROLINA BAY	RED SPRINGS	A	TNC/PRV	8/2A	8/9	TNC *	RHA/POTENTIAL DNP
-FORT BRAGG	MANY QUADS	A	DOD	1	2B/6A	NHP/FWS	
-MCCAIN NATURAL AREAS	MCCAIN	A	NCDA	1	9/2A+	NHP	REFUSED RHA ONCE/TRY AGAIN
-PLUM THICKET SUMAC SITE	RED SPRINGS	A					
* B							
-BLUEBERRY (AUSTIN GOODMAN) BAY	RAEFORD	B	PRV	0			
-HAMBY'S (COWLICK) BAY	RAEFORD	B	PRV	0			
-TITI (OTTER) BAY	RAEFORD	B	PRV	0			
* C							
-ARABIA BAY	PARKTON	C	PRV	0			
-LAKE MCNEIL BAY	RAEFORD	C	PRV	0			
-MARKLAND TRACT		C					
-OVERHILLS ESTATE	OVERHILLS, LOBELIA	C	DOD/PRV	0	2A+		
-PANIC (ANDROPOGON) BAY	WAGRAM	C	PRV	0			
-SARVIS BAY	WAGRAM	C	PRV	0			
HYDE							
* A							
ALLIGATOR RIVER WETLANDS MEGASITE							
-ALLIGATOR RIVER SWAMP FOREST	ENGELHARD NW, FAIRFIELD, BUFFALO CITY	A	FWS/DOD	0	2A	FWS/NHP	PART OF DOD LANDS RHA
-ALLIGATOR RIVER-SWAN LAKE SWAMP FOREST	FAIRFIELD, ENGELHARD	A	PRV/TNC	0/8	8	TNC/FWS *	
-AVENUE FARM	MIDDLETOWN	A					
CAPE HATTERAS NATIONAL SEASHORE MACROSITE							
-OCRACOKE ISLAND--CENTRAL SECTION	OCRACOKE, HOWARD REEF, GREEN ISLAND	B	NPS	8/2B	2B	NPS	RHA
-OCRACOKE ISLAND--EASTERN END	GREEN ISLAND	B	NPS	8/2B	2B	NPS	RHA
-OCRACOKE ISLAND--WESTERN END (SAND FLATS)	OCRACOKE, PORTSMOUTH	A	NPS	8/2B	2B	NPS	RHA
-MATTAMUSKEET LAKE NATURAL AREAS	ENGELHARD W, NEW LAKE SE, FAIRFIELD, OTHERS	A	FWS	8/2A/6A	2A/6A	FWS	RHA
-SCRANTON HARDWOOD FOREST	SCRANTON, PONZER	A	PRV	1	2A/4A	TNC *	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
HYDE							
* B							
-GULL ROCK GAME LAND NATURAL AREAS	NEW HOLLAND, BLUFF POINT	B	WRC	1	9/2A	WRC/NHP	PROPOSED DNP
-SWANQUARTER REFUGE NATURAL AREAS	SWANQUARTER, GREAT ISLAND, BLUFF POINT, OTHER	B	FWS	8/2B/6B	2B/6B	FWS	RHA/EWA
-WYSOCKING BAY MARSH AND POCOSIN	MIDDLETOWN	B	WRC/PRV	1	2A	WRC/NHP	
* C							
-CYPRESS PARK	ENGELHARD EAST ENGELHARD WEST	C	PRV	1			
-NEW LAKE POCOSIN	NEW LAKE SE	C	PRV	1			
-PUNGO NATIONAL WILDLIFE REFUGE	PUNGO LAKE	C	FWS	8/2B	2B	FWS	RHA
-ROPER ISLAND	FAIRFIELD NW	C	PRV	0			
IREDELL							
* A							
-LINK (SLOAN) BOG	CENTRAL	A	PRV	0	2A+	NHP/TNC *	
-SICELOFF BOG	OSBORNVILLE	A	PRV	0	2A+	NHP/TNC *	
* B							
-IREDELL BOGS	CENTRAL, OSBORNVILLE	B	PRV	0	2A	NHP	
* C							
-FOURTH CREEK MAGNOLIA SLOPE	STATESVILLE EAST	C	PRV	0	2A	NHP	
JACKSON							
* A							
-BALSAM GAP NATURAL AREA	HAZELWOOD	A	NPS	8/2B	8/2B	NPS	RHA
-BLACKROCK MOUNTAIN-GRANITE CITY	HIGHLANDS	A	USFS	0	2B		
-CEDAR CLIFF MOUNTAIN	BIG RIDGE, TUCKASEGEE	A	PRV	0			
ESCARPMENT GORGES MEGASITE							
-CHATTOOGA RIVER GORGE-ELLICOTT ROCK	CASHIERS, HIGHLANDS	B	USFS	6A/2B	6A/2B	USFS	RHA/EWA/WSR
-DULANY BOG	CASHIERS	B	HBF	2A	2A/4A	HBF	RHA
-ELLICOTT MOUNTAIN POGONIA SITE	CASHIERS	A	PRV	0			
-HIGH HAMPTON-CHATTOOGA RIDGE NATURAL AREA	CASHIERS	B	PRV	1	2A+	NHP	
-SAVANNAH RIVER HEADWATERS AQUATIC HABITATS	REID	B	NC	0		NHP	
-WHITESIDE MOUNTAIN	HIGHLANDS	A	USFS/PRV	0/6A/2B	8/6A/2B	USFS/TNC *	PARTIAL RHA
-WHITEWATER RIVER FALLS AND GORGE	CASHIERS	A	USFS	6A/2B	6A/2B	USFS	RHA
-PANTHERTOWN VALLEY	BIG RIDGE	A	PRV	1	8	USFS/TNC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
JACKSON							
* B							
-BONAS DEFEAT-TUCKASEGEE GORGE	BIG RIDGE	B	USFS	2B	2B	USFS	RHA
-FORK RIDGE-MOUNT HARDY	SAM KNOB	B	NPS/USFS	8/2B/6B	2B/6B	NPS/USFS/NHP	RHA/EWA
-PLOTT BALSAMS	SYLVA NORTH, HAZELWOOD	B	PRV	0	8/?/2B		
-RICHLAND BALSAM	SAM KNOB	B	NPS/USFS	8/2B	2B	NPS	RHA
-ROUGH BUTT BALD	SAM KNOB	B					
-SHEEP CLIFF RIDGE	BIG RIDGE	B	PRV/TNC	7A/2A	7A/	TNC	EASEMENT/RHA
-WATERROCK KNOB	SYLVA N	B	NPS	0		NPS	PARTIAL RHA
* C							
-SHOAL MOUNTAIN WOOD FERN COVE	GLENVILLE	C	PRV	0			
-WEBSTER SERPENTINE-OLIVINE OUTCROP	SYLVA S	C	PRV	0			
-WOLF CREEK WATERSHED NATURAL AREA	GLENVILLE	C	WCU	2A	2A	NHP	RHA
JOHNSTON							
* B							
-LITTLE RIVER AQUATIC HABITAT	FLOWERS, KENLY W, GOLDSBORO NW	B	NC	0	2A/6A	NHP	
* C							
-FLOWER HILL-MOCCASIN CREEK	STANCILS CHAPEL	C	PRV	0/2A	2A+	NHP/TLC	PARTIAL RHA
JONES							
* A							
CROATAN NATIONAL FOREST MEGASITE							
-CROATAN NATIONAL FOREST (GENERAL)	HADNOT CREEK, MASONTOWN, HAVELOCK, OTHER	B	USFS	0/1	2B/6A	NHP	
-CROATAN POCOSINS	HADNOT CK, CATFISH LK, MASONTOWN, MAYSV.	A	USFS	6A/2B	6A/2B	USFS/NHP	RHA/EWA
-ISLAND CREEK	POLLOCKSVILLE	A	USFS/PRV TNC *	1/2B	8/6A/2B	USFS/NHP/	PARTIAL RHA
-HOLSTON CREEK	STELLA	B	USFS	1		USFS	
-HUNTERS CREEK UPLAND FOREST	STELLA	B	USFS	2B	2B	USFS/NHP	RHA
-REEDY BRANCH	POLLOCKSVILLE	A	PRV				

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
JONES							
* B							
-SALLY SIMMONS LIMESTONE LEDGE	COMFORT	B	PRV	0	2A	NHP	
* C							
-DEEP GULLY	POLLOCKSVILLE	C	PRV				
LEE							
* A							
-JUNIPER SPRINGS CHURCH NATURAL AREA	BROADWAY	A	PRV	0		TLC	
-ROCKY RIVER-DEEP RIVER AQUATIC HABITAT	COLON	A	NC	1	8/9/2A	TLC/NHP	POSSIBLE ORW/HQW
* B							
-WHITE PINES NATURAL AREA	COLON	B	PRV	1/0	8/9/2A	TLC/NHP	
MACON							
* A							
-CULLASAJA GORGE	SCALY MOUNTAIN, HIGHLANDS	A	USFS	2B	2B	USFS	RHA
ESCARPMENT GORGES MEGASITE							
-BLACKROCK MOUNTAIN-GRANITE CITY	HIGHLANDS	A	USFS/PRV	0	6A/2B	USFS/NHP	
-CHATTOOGA RIVER GORGE-ELLICOTT ROCK	CASHIERS, HIGHLANDS	B	USFS	6A/2B	6A/2B	USFS	RHA/EWA/WSR
-HORSE COVE BOG	HIGHLANDS	C	PRV	0		PRV	
-SATULAH MOUNTAIN	HIGHLANDS	B	PRV	0/2A	2A	NHP	PARTIAL RHA
-SAVANNAH RIVER HEADWATERS AQUATIC HABITATS	REID	B	NC	0		NHP	
-SLICK ROCK	HIGHLANDS	B	USFS	2B	2B	USFS	RHA
-HENRY WRIGHT PRESERVE	HIGHLANDS	A	TNC/PRV	1/8/9	8/9	TNC *	RHA/PARTIAL DNP
-KELSEY NATURAL AREA	HIGHLANDS	A	USFS	2B	6A/2B	USFS	RHA
-LITTLE TENNESSEE RIVER AQUATIC HABITAT	WESSER	A	NC	1	2A/6A	WRC/FWS	
-NANTAHALA RIVER BOGS	RAINBOW SPRINGS	A	USFS	2B	6A/2B	USFS	RHA
-RAVENEL'S WOODS REMNANTS	HIGHLANDS	A	PRV	0/1	2A/8	TNC/NHP	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
MACON							
* B							
-BRYSON BRANCH FALLS AND COVE	GLENVILLE	B	USFS	2B	2B	USFS	RHA
-CAMP BRANCH FALLS--NANTAHALA GORGE	HEWITT	B	USFS	2B	2B	USFS	RHA
-CROW CREEK FALLS	SCALY MOUNTAIN	B	PRV	0	2A+	NHP	
-RAINBOW SPRINGS MARSH	RAINBOW SPRINGS	B	PRV	0	7/4A	TNC *	
-RUNAWAY KNOB	RAINBOW SPRINGS	B	USFS	2B	2B	USFS	RHA
-STANDING INDIAN MOUNTAIN	RAINBOW SPRINGS AND OTHERS	B	USFS	6A/2B	6A/2B	USFS	RHA/EWA
-WILDES COVE	WAYAH BALD	B	USFS	2B	6A/2B	USFS	RHA
* C							
-COLE MOUNTAIN-SHORTOFF MOUNTAIN	HIGHLANDS	C	USFS	2B	2B	USFS	RHA
-HIGHLANDS BOG	HIGHLANDS	C	PRV	1	2A	NHP/HBF	PARTLY DESTROYED
-JARRETT CREEK MARSH-BOG	TOPTON	C	USFS	1		USFS	
-LITTLE SCALY MOUNTAIN	SCALY MOUNTAIN	C	PRV	0	2A	NHP	
-NANTAHALA RIVER WOODLAND POND	WAYAH BALD, RAINBOW SPRINGS	C	PRV	1	2A	TNC	
-OLIVE PRESERVE	HIGHLANDS	C	NCBG/TNC /PRV	1/2A	8/2A	NCBG/TNC *	PARTIAL RHA
-PINEY KNOB FORK	SCALY MOUNTAIN	C	USFS	2B	2B	USFS	RHA
-PINKY FALLS PRESERVE	HIGHLANDS	C	NCBG/TNC /PRV	1/2A	8/2A	NCBG/TNC *	PARTIAL RHA
-SCALY MOUNTAIN	RAINBOW SPRINGS	C	USFS	2B	2B	USFS	RHA
-WALKING FERN COVE	GLENVILLE	C	USFS	2B	2B	USFS	RHA
-WAYAH BALD AND WINE SPRING BALD	WAYAH BALD	C	USFS	1		USFS	PROPOSED RHA
MADISON							
* B							
-LOWER FRENCH BROAD RIVER AQUATIC HABITAT	HOT SPRINGS	B	NCPW	0	6A	NHP	
-MINE RIDGE	HOT SPRINGS, PAINT ROCK	B	PRV	0			HOLLOW DESTROYED
-PAINT ROCK ROAD AREA	HOT SPRINGS	B	USFS	2B	2B	USFS	RHA
-SANDYMUSH CREEK AREA	LEICESTER	B	PRV	0			
-STOKELY HOLLOW AND RIDGE	HOT SPRINGS	B	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
MADISON							
* C							
-BIG LAUREL CREEK GORGE	HOT SPRINGS	C	USFS	2B	2B	USFS	RHA
-DEEP WATER BRIDGE AREA	HOT SPRINGS	C	USFS/PRV	0			
-SPRING CREEK TRILLIUM SLOPE	FINES CREEK	C	PRV	0			
MARTIN							
* A							
ROANOKE RIVER MEGASITE							
-BERTIE LEVEE-MARTIN SLOPES	PALMYRA & WOODVILLE	B	PRV	0	2A+		TNC/NHP
-DEVIL'S GUT SLOUGH	JAMESVILLE	A	PRV	1/2A	8/4A	TNC*	RHA/POTENTIAL DNP
-SWEETWATER CREEK	WILLIAMSTON	C	PRV	0			
* B							
-CONOHO CREEK SCHISANDRA SLOPES	QUITSNA	B	PRV	0	2A	NHP	
* C							
-CONOHO CREEK CYPRESS SWAMP	QUITSNA	C	PRV	0			
-FORT BRANCH BLUFFS-RAINBOW BANKS	HAMILTON	C	PRV	0			
-POPLAR POINT SLOPES	HAMILTON, QUITSNA	C	PRV	0			
MCDOWELL							
* A							
-BEAR CREEK SHORTIA SITES	REID	B					
-LINVILLE CAVERNS	LINVILLE FALLS	A	PRV	2A	2A+	NHP	RHA
-WOODS MOUNTAIN-SINGECAT RIDGE	CELO	A	USFS	1	2B	NHP	PROPOSE FOR RHA
* B							
-BALD MOUNTAIN SHORTIA SITES	LITTLE SWITZERLAND	B					
-BEARTREE RIDGE	CELO	B	USFS	1	2b	NHP	
-JOHN'S CREEK SHORTIA HABITAT	MARION WEST	B	USFS	2B	2B	USFS	RHA
* C							
-BOB'S CREEK POCKET WILDERNESS	GLENWOOD, MARION EAST	C	PRV	1	2A	NHP	PROPOSED RHA
-CATAWBA RIVER DOLOMITE AREA	LINVILLE FALLS	C	USFS	0	2b	NHP	PROPOSED RHA
-LAUREL RIDGES	MARION	C	NPS	8/2A	2B	NHP	RHA
-LINVILLE MOUNTAIN NATURAL AREA	LINVILLE FALLS	C	USFS	0	2b	NHP	
-TOMS CREEK SHORTIA SITE	MARION WEST	C		0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
MECKLENBERG							
* B							
-GAR CREEK SCHWEINITZ'S SUNFLOWER SITE	MOUNTAIN ISLAND LAKE	B	PRV	4A	5/2A/4A	NHP/TNC	MANAGEMENT AGREEMENT
-PROVIDENCE FLATS SWAMP	WEDDINGTON	B	PRV	0	2A	NHP	
* C							
-BACK CREEK SWAMP	HARRISBURG	C	PRV	0			
MITCHELL							
* A							
ROAN MOUNTAIN HIGHLANDS MEGASITE							
-ROAN MOUNTAIN MASSIF	CARVERS GAP, ELK PARK, WHITE ROCKS, OTHERS	A	USFS/PRV	1/2B	6A/2B	USFS/NHP/S AHC *	PARTIAL RHA/PROPOSED RNA
* C							
-NOLICHUCKY RIVER GORGE	CHESTOA, HUNTDALE	C	USFS	1		USFS	
MONTGOMERY							
* A							
-BLACK ANKLE BOG	ALBEMARLE	A	PRV	0	2A/S	NHP/USFS	
* B							
-ABNER BOG	LOVEJOY	B	USFS	2B	2B	USFS	RHA
-BADIN UPLAND DEPRESSION SWAMPS	BADIN	B	USFS	2B	2B	USFS	RHA
-GOLD MINE BRANCH LONGLEAF PINE SLOPE	BADIN	B	USFS	2B	2B	USFS	RHA
-NAKED CREEK-DROWNING CREEK AQUATIC HABITAT	NORMAN, HOFFMAN	B	PRV/WRC	0		NHP	
-OPHIR BOGS	LOVEJOY	B	PRV	0			
-PEE DEE RIVER BALD EAGLE FORAGING HABITAT	BADIN, MORROW MOUNTAIN	B	?	0			
-PLEASANT GROVE BOG	TROY	B	USFS	2B	2B	USFS	RHA
-ROBERDO BOG	TROY	B	USFS	2B	2B	USFS	RHA
-UWHARRIE MAFIC ROCK AREA	BADIN	B	USFS	0	2b	NHP	
* C							
-UWHARRIE RIVER SLOPES	BADIN	C	USFS	2B	2B	USFS	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
MOORE							
* A							
-DEEP RIVER (RANDOLPH/MOORE) AQUATIC HABITAT	ROBBINS BENNETT	A					
-JOHNSON'S MILL POND BOG	NIAGARA	A					
-MILE-AWAY FARM	NIAGARA	A	PRV	1	2A+	NHP	
SANDHILLS GAME LAND MEGASITE							
-SANDHILLS GAME LAND (GENERAL)	HOFFMAN, SILVER HILL, MARSTON, OTHERS	A	NC WRC	1/2a		NHP	
* B							
-DEEP RIVER--SPIDERWORT SLOPES	PUTNAM	B	PRV	0	2A	NHP	
-NAKED CREEK-DROWNING CREEK AQUATIC HABITAT	NORMAN, HOFFMAN	B	PRV/WRC	0		NHP	
-PAINT HILL	SOUTHERN PINES	B	PRV	0/1	9/2A	NHP	
-VONCANON LONGLEAF STAND	PUTNAM	B	PRV	0			
-WEYMOUTH WOODS-BOYD ESTATE NATURAL AREA	SOUTHERN PINES, NIAGARA	B	NCSP	8/2A	9	NCSP	RHA/POTENTIAL DNP
* C							
-BEAR CREEK HICKORY SLOPE	ROBBINS	C	PRV	0			
-COLE OLD-GROWTH LONGLEAF STAND	PUTNAM	C	PRV	0			
-DEEP RIVER-BUZZARD ROCK	ROBBINS	C	PRV	0			
-DOVER LONGLEAF PINE STAND	SPIES	C	PRV	0			
-LONGLEAF DIKE	ZION GROVE	C	PRV	0			
-NC 73 SAVANNA	CARTHAGE, SOUTHERN PINES	C	PRV	0			
-QUAIL HOLLOW FARM RESINOUS BONESET SITE	PINEBLUFF	C	PRV	0	2A	NHP	

-SPIES LONGLEAF/WIREGRASS SITE	SPIES	C	PRV	0			
NASH							
* A -TAR RIVER (EDGECOMBE/NASH/FRANKLIN) AQUATIC HAB.	TARBORO, DRAKE, RED OAK, OTHERS	A					
* B -TURKEY CREEK LEAST TRILLIUM SITE	MIDDLESEX	B	TNC/PRV	8/2A	8	TNC	TNC/PARTLY DESTROYED
* C -SANDY CREEK HEARTLEAF SITE	CENTERVILLE	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
NEW HANOVER							
* A							
-BALD HEAD ISLAND COMPLEX							
-ZEKE'S ISLAND SANCTUARY	KURE BEACH	B	NCCM	8/9	9	NCCM	ESN/DNP
* B							
-421 SAND RIDGE	CASTLE HAYNE, LELAND	B	PRV	0			
-CAROLINA BEACH NATURAL AREA	CAROLINA BEACH	B	NCSP/DOD /PRV	0/8/2A	8/2A	NCSP *	PARTIAL RHA
-FORT FISHER COQUINA OUTCROP	KURE BEACH	B	NCMF/NCC UL	2A	2A	NCMF/NCCUL	RHA
-LOWER CAPE FEAR RIVER BIRD NESTING ISLANDS	KURE BEACH, CAROLINA BEACH	B	NC	2A	2A	WRC	PART RHA
-MASONBORO ISLAND	WRIGHTSVILLE BEACH	B	NCCM/PRV /NCSP	0/8	8/9	NCCM *	PARTIAL ESN/DNP
-MOTSU BUFFER ZONE	CAROLINA BEACH, KURE BEACH	B	DOD	1	2b	NHP	
* C							
-FORT FISHER NATURAL AREA	KURE BEACH	C	NCSP/NCC UL	1.		NCSP	
-MOTTS CREEK	WILMINGTON	C	PRV	0			
-NORTHEAST CAPE FEAR RIVER FLOODPLAIN	CASTLE HAYNE	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
NORTHAMPTON							
* A							
ROANOKE RIVER MEGASITE							
-CAMASSIA SLOPES	BOONES CROSSROADS	A	TNC/NCDC	8/2A	9	TNC/NHP	RHA/ POTENTIAL DNP
-OCCONEECHEE NECK FLOODPLAIN FOREST	HALIFAX	B	PRV	0			
* C							
-HENRICO GRANITE FLATROCK	VALENTINES	C	PRV	0			
-MEHERRIN RIVER BOTTOMLAND FOREST	MARGARETTSVILLE	C	PRV	0			
-PAWPAW FLATS	SCOTLAND NECK, NORFLEET	C	PRV	0			
ONSLOW							
* A							
-COOLEY'S MEADOWRUE POWERLINE SITE	HAWS RUN	A	PRV	2A	2A/4A	NHP	RHA
-HAMMOCKS BEACH STATE PARK	BROWN'S INLET, HUBERT, SWANSBORO	A	NCSP	8/2A	9	NCSP	RHA/POTENTIAL DNP
-SANDY RUN SWAMP RARE PLANT SITE	HAWS RUN	A	PRV	0	8	TNC *	
* B							
CAMP LEJEUNE MACROSITE							
-BROWN ISLAND	BROWNS INLET	C	DOD	1	2B	DOD/NHP	
-CAMP LEJEUNE (GENERAL)	CAMP LEJEUNE, JACKSONVILLE SOUTH, OTHERS	B	DOD	1	2B/6A	NHP	
-LEJEUNE LONGLEAF RIDGE	NEW RIVER INLET	A	DOD	1/2B	2B	DOD/NHP	RHA
-LEJEUNE LOOSESTRIFE SITE	NEW RIVER INLET	A	DOD	1	2B/6A	DOD/NHP	
-ONSLOW BEACH (CAMP LEJEUNE)	NEW RIVER INLET, BROWNS INLET	B	DOD	1	2B	DOD/NHP	
-STARRETTS MEADOW	HUBERT	A	DOD	1	6A/2B	DOD/NHP	
-WALLACE CREEK	CAMP LEJEUNE	A	DOD	1/2B	2B	DOD/NHP	PARTIAL RHA
-COOLEY'S MEADOWRUE TYPE LOCALITY	HAWS RUN	B					
-HOFMANN FOREST CYPRESS NATURAL AREA	JACKSONVILLE NW	B	NCFF	2A	2A+	NCFF/NHP	RHA
-HOFMANN FOREST NERE ELEXUS POND PINE NATURAL AREA	KELLUM	B	NCFF	2A	2A+	NCFF/NHP	RHA
-NEW RIVER LIMESTONE RAVINE	CATHERINE LAKE	B	PRV	0	2A+	NHP	
-ROCK HOUSE CAVE NATURAL AREA	CATHERINE LAKE	B	PRV	0	2A+/8	NHP/TNC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
ONSLOW							
* C							
-HAWKINS ISLAND	HUBERT	C	PRV	0			
-HUGGINS (RUSSELLS) ISLAND	SWANSBORO	C	PRV	0			
-MAPLE HILL LIMESINK COMPLEX	MAPLE HILL	C	PRV	0	2a	NHP	
-NATURAL BRIDGE	RICHLANDS	C	PRV	0			
-NEW RIVER INLET NESTING ISLAND	NEW RIVER INLET	C	NC	2A	2A	NHP	RHA
ORANGE							
*							
-HOLLOW ROCK RHODODENDRON BLUFF	CHAPEL HILL		DUKE			DUKE	
-MORGAN CREEK RHODODENDRON BLUFF AND SLOPE	CHAPEL HILL		UNCCH/PRV			UNCCH	
-MORGAN CREEK SWAMP	CHAPEL HILL						
* B							
DUKE FOREST NATURAL AREAS MACROSITE							
-BALD MOUNTAIN	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-BLACKWOOD MOUNTAIN	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-COUCH MOUNTAIN	HILLSBOROUGH, NW DURHAM	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-HENRY J. OOSTING NATURAL AREA	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-MEADOW FLATS	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-NEW HOPE CREEK	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA, TRY AGAIN
-POST OAK-BLACKJACK OAK SITE	CHAPEL HILL	B	DUKE	1	2A+	DUKE/NHP	REFUSED RHA
-NORTH CAROLINA BOTANICAL GARDEN NATURAL AREAS	CHAPEL HILL	B	UNCCH	1	9/2A	UNCCH/NHP	POTENTIAL DNP
-OCCONEECHEE MOUNTAIN	HILLSBOROUGH	B	PRV/LOCAL	0/1	8/2A	TLC/NHP/LOCAL *	
* C							
-BERRYHILL RHODODENDRON BLUFF	CHAPEL HILL	C	TLC	1	2A+	TLC	
-CANE CREEK-CRAWFORD MOUNTAIN	WHITE CROSS	C	PRV	0			
-CEDAR GROVE HEARTLEAF SITE	CEDAR GROVE	C	PRV	1	8	TNC	
-ENO RIVER PARK NATURAL AREAS	HILLSBOROUGH, NW DURHAM	C	NCSP	8/2A	8/2A	NCSP	RHA
-MORGAN CREEK ANEMONE SITE	CHAPEL HILL	C	PRV	1	5	BGF	
-SEVENMILE CREEK SUGAR MAPLE BOTTOM	EFLAND	C	PRV	1	2A+	TLC	
-STILLHOUSE BOTTOM--GLADE AND BLUFF	CHAPEL HILL	C	PVT/NCBG	1	2A+	NCBG	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
PAMLICO							
* A							
-FEDERAL PAPER HARDWOOD FLATS	ARAPAHOE, ORIENTAL	A	PRV	0	7/4A		PARTIALLY CUT
* B							
-NORTHWEST POCOSIN	REELSBORO, BAYBORO	B	PRV	0	7/4A		PARTIALLY CUT
* C							
-MERRITT HARDWOOD FLATS	ORIENTAL	C	PRV	0			NORTH SECTION DESTROYED
-MINNESOTT SAND RIDGE	BAYBORO, ARAPAHOE	C	PRV	0			PARTIALLY DAMAGED
-PAMLICO POINT STATE IMPOUNDMENTS	LOWLAND	C	NCWRC	0			
-STONEWALL HARDWOOD FLATS	BAYBORO, ORIENTAL	C	PRV	0			PARTIALLY CUT
PASQUOTANK							
* A							
DISMAL SWAMP MACROSITE -GREAT DISMAL SWAMP REFUGE AND STATE PARK	LAKE DRUMMOND, SOUTH MILLS	A	FWS/NCSP	8/2A/2B	8/9/2B	FWS/NCSP	RHA/POTENTIAL DNP
PENDER							
* A							
-BLACK RIVER CYPRESS FOREST	POINT CASWELL, ROWAN, ATKINSON, CURRIE	A	PRV	1/0	5/7/8/9	NHP/TNC *	POTENTIAL DNP
-HOLLY SHELTER GAME LAND	HOLLY RIDGE, TOPSAIL, MAPLE HILL, BURGAW...	A	WRC	1	9/2A	WRC/NHP	POTENTIAL DNP
-SOUTHWEST RIDGE SAVANNA	MAPLE HILL	A	WRC/PRV	1	9/2A	WRC/TNC *	POTENTIAL DNP
-LANIER QUARRY SAVANNA	MAPLE HILL NW, MAPLE HILL SW	A	TNC/PRV	1/8	8/9	TNC *	POTENTIAL DNP
-ROCKY POINT MARL FOREST	MOORETOWN	A	PRV	0	8/2A	NHP/TNC *	
-SANDY RUN SAVANNA	MAPLE HILL	A	PRV	0	8/2A	NHP	
-WATKINS SAVANNA MEADOWRUE SITE	MAPLE HILL	A	PRV	1	8	TNC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
PENDER							
* B							
-421 SAND RIDGE	CASTLE HAYNE, LELAND	B	PRV	0			
-ANGOLA BAY GAME LAND POCOSIN	BURGAW, MAPLE HILL	B	NCWRC	1	9/2A	NCWRC	POTENTIAL DNP
-HUTAFF'S BEACH	HAMPSTEAD	B	PRV	0			
-JAMES LONGLEAF FLATWOODS	MAPLE HILL	B	PRV	1	8?	NHP/TNC	
-LEA ISLAND	HAMPSTEAD	B	PRV	0			
-MCLEAN SAVANNA	MOORETOWN	B	PRV	0	2A	TNC	
-MOORES CREEK BATTLEFIELD ENDANGERED PLANT HABITAT	CURRIE	B	NPS	2A	2A	NPS	RHA
-PARKERS SAVANNA	MAPLE HILL	B	PRV	0			
* C							
-JONES CREEK SAVANNA	ATKINSON	C	PRV	0			
-NORTHEAST CAPE FEAR RIVER FLOODPLAIN	CASTLE HAYNE	C	PRV	0			
PERSON							
* B							
-GOSHEN GABBRO FOREST	TRIPLE SPRINGS	B	PRV	0	2A/8	NHP/TNC	
* C							
-VERNON HILL CHURCH ROAD DRY FOREST	TRIPLE SPRINGS	C	PRV	0			
PITT							
* B							
-VOICE OF AMERICA (SITE B) SPARROW SITE	WILMAR	B					
* C							
-OTTER CREEK NATURAL AREA	FALKLAND	C	ECU	2A	2A	NHP	RHA
-VOICE OF AMERICA (SITE C) SPARROW SITE	GREENVILLE NW	C					
POLK							
* B							
-COVE CREEK-BRADLEY FALLS NATURAL AREA	CLIFFIELD MOUNTAIN	B	WRC	2A	8/9	WRC *	RHA/POTENTIAL DNP
-GREEN RIVER NARROWS AND PULLIAM CREEK	CLIFFIELD MOUNTAIN	B	PRV	0	2A	NHP	
-LITTLE WARRIOR MOUNTAIN CAVE	SALUDA	B	PRV	2A	2A	NHP	RHA
-PEARSON'S FALLS GLEN	SALUDA	B	PRV	2A	5/9/2A	NHP/TNC	RHA/POTENTIAL DNP
-SHUNKANWAHKEN FALLS AND RAVINE	MILL SPRING	B	PRV	1	2A		
-TRYON PEAK NATURAL AREA	MILL SPRING	B	PRV	0	2A+		
-WHITE OAK MOUNTAIN	MILL SPRING	B	PRV	0	2A+	NHP/TNC *	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
POLK							
* C							
-CEDAR CLIFF-WARRIOR MOUNTAINS	SALUDA	C	PRV	0			
-GREEN RIVER GORGE	CLIFFIELD MOUNTAIN	C	PRV	0			
RANDOLPH							
* B							
-BIRKHEAD UPLAND FOREST NATURAL AREA	ELEAZER, FARMER	B	USFS	6A/2A	6A/2A	USFS/NHP	RHA/EWA
RICHMOND							
* A							
SANDHILLS GAME LAND MEGASITE							
-BEAVER DAM CREEK SHRUB COMMUNITY	MILLSTONE LAKE	C	WRC	1/2A	2A	WRC/NHP	RHA
-BONES FORK PINE AND SHRUB COMMUNITY	HOFFMAN	B	WRC	1/2A	2A	WRC/NHP	RHA
-MILLSTONE CREEK	MILLSTONE LAKE	A	WRC	1/2A	2A	WRC/NHP	RHA
-NAKED CREEK WHITE CEDAR STAND	MILLSTONE LAKE	A	WRC	1/2A	2A	WRC/NHP	RHA
-ROCKY FORD CREEK MOUNTAIN LAUREL BLUFF	MILLSTONE LAKE	A	WRC	1/2A	2A	WRC/NHP	RHA
-SANDHILLS GAME LAND (GENERAL)	HOFFMAN, SILVER HILL, MARSTON, OTHERS	A	NC WRC	1/2a		NHP	
-WHITE CEDAR BRANCH HEAD	HOFFMAN	A	WRC	1/2A	2A	WRC/NHP	RHA
* B							
-NAKED CREEK-DROWNING CREEK AQUATIC HABITAT	NORMAN, HOFFMAN	B	PRV/WRC	0	6A	NHP	POSSIBLE HQW/ORW
* C							
-CAMP MACKALL NATURAL AREAS	PINEBLUFF, HOFFMAN	C	DOD	0	2b	NHP	
-FROG HOLLOW AREA	ROCKINGHAM	C	PRV	0			
-PEE DEE RIVER FALL ZONE	MORVEN EAST	C	PRV	0			
-PEE DEE RIVER GABBRO SLOPES	ROCKINGHAM	C	PRV	1/2A	8/2A	NHP	PARTIAL RHA
-PORPHYRITIC GRANITE SITE	ROCKINGHAM	C	PRV	0			
-SPHEROIDAL WEATHERING GEOLOGIC SITE	ELLERBE	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
ROBESON							
* A							
-DUNAHOE BAY	RENNERT	A	TNC	8/2A	9	TNC	RHA/POTENTIAL DNP
-GOOSE POND CAROLINA BAY	PARKTON	A	TNC/PRV	8/2A	8/9	TNC *	RHA/POTENTIAL DNP
-OAK SAVANNA BAY	RENNERT	A	TNC	8	9	TNC	POTENTIAL DNP
-PRETTY POND CAROLINA BAY	SAINT PAULS	A	TNC	8/2A	9	TNC	RHA/POTENTIAL DNP
* B							
-MOSS NECK SAVANNA	PEMBROKE	B	PRV	0			
* C							
-BULLFROG CAROLINA BAY	WAKULLA	C	PRV	0			
-CHAIN POND BAY	RENNERT	C	PRV	0			
-CYPRESS BAY	RENNERT	C	PRV	0			
-GUM POND BAY	PARKTON	C	PRV	0			
-JUDGE'S BAY (THE CYPRESS POND)	SAINT PAULS	C	PRV	0			
-LOWER LUMBER RIVER SWAMP FOREST	EVERGREEN, SOUTHEAST LUMBERTON	C	PRV	0			
-MARSH BAY	RENNERT	C	PRV	0			
-PISTOL POND	SAINT PAULS	C	PRV	0			
-REX RENNERT BAY (DEAD HORSE BAY)	RENNERT	C	PRV	0			
-SALT MARSH BAY	RENNERT	C	PRV	0			
-TOOTHACHE (SHOREBIRD) BAY	WAKULLA	C	PRV	0			
ROCKINGHAM							
* B							
-CEDAR MOUNTAIN	MAYODAN	B	PRV	0/2A	8/9/2A	NHP	PARTIAL RHA
-DAN RIVER AQUATIC HABITAT (ROCKINGHAM SECTION)	MAYODAN, SW EDEN, SE EDEN	B	NC	0	2A/6A	NHP	
-DAN RIVER TRIASSIC BASIN CONGLOMERATE EXPOSURES	NE EDEN, SE EDEN	B	PRV	1/2A	2A	NHP	PARTIAL RHA
-JACOBS CREEK SLOPES	MAYODAN	B	PRV	0	2A+	NHP	
-MAYO RIVER BLUFFS	MAYODAN	B	PRV	0	2A+	NHP	
-ROCK HOUSE CREEK SLOPES	SOUTHWEST EDEN	B	PRV	0	2A+	TNC *	POTENTIAL DNP
* C							
-BEAR SLIDE BLUFF	SOUTHEAST EDEN	C	RCC	2A	2A	RCC/LOCAL	RHA
-EDEN LEATHERWOOD RAVINE	SOUTHEAST EDEN	C	PRV	0			
-LEAKSVILLE LOAM FORESTS	NORTHEAST EDEN	C	PRV	0			
-TROUBLESOME CREEK	ELLISBORO	C	PRV	1			
-UPPER PIEDMONT STATION CHESTNUT OAKS	SOUTHEAST EDEN	C	NCSU	1	2A	NHP	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
ROWAN							
* B							
-GOLD HILL FLATS	GOLD HILL	B	PRV	0		NHP	
* C							
-DUNN MOUNTAIN	ROCKWELL, SALISBURY	C	PRV	0			
-GOLD HILL SCHWEINITZ'S SUNFLOWER SITE	GOLD HILL	C	PRV	0			
-SALISBURY NATURE STUDY AREA	SALISBURY	C	LOCAL/CC	2A	2A	CC/NHP	RHA
-YADKIN RIVER-GRANTS CREEK BOTTOMLAND FOREST	SALISBURY	C	PRV	0			
-YOUNGS MOUNTAIN	CLEVELAND	C	PRV	0	2A	BARANSKI	
RUTHERFORD							
* A							
-BAT CAVE	BAT CAVE	A	PRV/TNC	4/5/2A	8/9	TNC	RHA/POTENTIAL DNP
* B							
-CHIMNEY ROCK NATURAL AREA	BAT CAVE	B	PRV	2A	2A+	NHP	RHA
-HENSON'S CREEK RAVINE	FINGERVILLE EAST	B	PRV	2A	2A	NHP	RHA
-SANDY MUSH OUTCROP	FOREST CITY	B	PRV	0	2A	NHP	
* C							
-BOTTOMLESS POOLS	LAKE LURE	C	PRV	2A	2A	NHP	RHA
-RUMBLING BALD AND SHUMONT MOUNTAINS	LAKE LURE, BAT CAVE	C	PRV	0			
-WORLDS EDGE / SUGARLOAF MOUNTAIN	BAT CAVE, LAKE LURE	C	PRV	1	2A	NHP	
SAMPSON							
* A							
-CUTGRASS (F-14) CAROLINA BAY	GARLAND	A	PRV	2A	7/8	NHP/TNC	RHA
* B							
-SOUTH RIVER AQUATIC HABITAT	TOMAHAWK, ROWAN, GARLAND	B	NC	0	2A/6A	NHP	
* C							
-NEWKIRK TOWER CAROLINA BAY	TOMAHAWK	C	PRV	0			
-SOUTH RIVER SWAMP FOREST	TOMAHAWK, ROWAN, WHITE LAKE	C	PRV	0			
-UPPER BLACK RIVER SWAMP FOREST	TOMAHAWK, HARRELLS	C	PRV	0			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
SCOTLAND							
* A							
-MCINTOSH BAYS (TUNSTALL'S, BIG CYPRESS, RABBIT RUN	LAURINBURG	A	PRV/TNC	1/8/2A	8/9	TNC *	PARTIAL RHA/POTENTIAL DNP
SANDHILLS GAME LAND MEGASITE							
-STILL LANE SEEPAGE SLOPES	MARSTON, SILVER HILL	A	WRC	8/2A	2A	WRC/NHP	RHA
-BEAVER DAM CREEK RESINOUS BONESET SITE	PINEBLUFF, SILVER HILL	A	WRC	8/2A	2A	WRC/NHP	PROPOSED RHA
-BEAVER DAM CREEK-LITTLE MUDDY CREEK	SILVER HILL, PINEBLUFF	A	WRC	8/2A	2A	WRC/NHP	RHA
-BOG HOLE	MARSTON	A	WRC	8/2A	2A	WRC/NHP	RHA
-CAMP MACKALL NATURAL AREAS	PINEBLUFF, HOFFMAN	C	DOD	0	2b	NHP	
-CRAWFORD LAKE LOOSESTRIFE SITE	MARSTON	A	WRC	8/2A	2A	WRC/NHP	
-CRAWFORD LAKE MICHAUX'S SUMAC SITE	MARSTON	B					
-CREEK & CORRIDOR BELOW KINNEY CAMERON LAKE	HOFFMAN, MARSTON	A	WRC	8/2A	2A	WRC/NHP	RHA
-JORDAN'S CREEK	MARSTON	A	WRC	8/2A	2A	WRC/NHP	RHA
-LITTLE MUDDY CREEK HEARTLEAF SITE	SILVER HILL	C	WRC	0	2A	WRC/NHP	
-LUMBER RIVER-DROWNING CREEK FLATWOODS & SWAMP	SILVER HILL	A	WRC	8/2A	2A	WRC/NHP	RHA
-PINEY POOLS NORTH OF LITTLE MUDDY CREEK	SILVER HILL	B	WRC	8/2A	2A	WRC/NHP	PROPOSED RHA
-SCOTLAND LANE ANNUAL BURN AREA	MARSTON	A	WRC	8/2A	2A	WRC/NHP	RHA
-STRAUSBURG ROAD OLD GROWTH LONGLEAF STD.	SILVER HILL	A	WRC	8/2A	2A	WRC/NHP	RHA
* B							
-STATE-LINE PRAIRIE BAY	JOHNS	B	PRV/TNC	0	8	TNC *	
* C							
-CHORUS (KNEEDEEP) BAY	MCCOLL	C	PRV	0			
-RHEXIA (GOODNEWS) BAY	JOHNS	C	PRV	0	8		
STANLY							
* B							
-PALESTINE SCHWEINITZ'S SUNFLOWER SITE	NEW LONDON	B	PRV	0	2A+	NHP	
-ROCKY RIVER-MORGAN'S BLUFF	STANFIELD	B	UNCC	2A	2A	UNCC	RHA
* C							
-FLAT WOODS NEAR LOCUST	LOCUST	C	PRV	0	2A	NHP	
-MORROW MOUNTAIN PARK NATURAL AREA	MORROW MOUNTAIN	C	NCSP	8/2A	2A	NCSP	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
STOKES							
* A							
-GEORGE'S MILL BITTERCRESS SITE	STUART SE	A	PRV	0/1	2a+	NHP/FWS	
-HANGING ROCK PARK NATURAL AREAS	HANGING ROCK, DANBURY	A	NCSP	8/2A	2A	NCSP	RHA
* B							
-DAN RIVER AQUATIC HABITAT (STOKES SECTION)	DANBURY, HANGING ROCK, STUART	B	NC	0	2A/6A	NHP	
* C							
-DAN RIVER CLIFFS	AYERSVILLE	C	PRV	0			
-DAN RIVER HEMLOCK BLUFF	DANBURY	C	PRV	0			
-DAN RIVER SHORES RICH SLOPE	HANGING ROCK	C	PRV	0			
-LITTLE PETERS CREEK BLUFFS	STUART SE	C	PRV	0	2A	NHP	
-MOORES SPRINGS	HANGING ROCK	C	PRV	0			
-SAURATOWN MOUNTAIN	KING, PINNACLE, HANGING ROCK	C	PRV	0			
SURRY							
* B							
-PILOT MOUNTAIN NATURAL AREA	PINNACLE	B	NCSP	8/2A	9	NCSP	RHA/POTENTIAL DNP
* C							
-PILOT MOUNTAIN-YADKIN RIVER SECTION NATURAL AREA	PINNACLE	C	NCSP	8/2A	2A	NCSP	RHA
-SADDLE MOUNTAIN	CUMBERLAND KNOB, ROARING GAP	C	TNC	8	8/2A	TNC	
SWAIN							
* A							
-GREAT SMOKY MOUNTAINS NATIONAL PARK	CLINGMANS DOME, SILERS BALD, SMOKEMONT..	A	NPS	8/6A/2B	6A	NPS	RHA, MAB, PROPOSED EWA
-NANTAHALA GORGE--BLOWING SPRING	HEWITT	A	USFS	2B	6A/2B	USFS	RHA
* C							
-ALARKA LAUREL	GREENS CREEK, ALARKA	C	PRV	1			

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
TRANSYLVANIA							
* A							
-CEDAR MOUNTAIN BOG	BREVARD	A	PRV	1	2A	NHP	
ESCARPMENT GORGES MEGASITE							
-HORSEPASTURE RIVER GORGE	REID	A	PRV/USFS	1/2A	2A/6A	USFS	PARTIAL RHA/WSR
-SAVANNAH RIVER HEADWATERS AQUATIC HABITATS	REID	B	NC	0	2A/6A	NHP	
-THOMPSON RIVER GORGE	REID	A	PRV	1	2A/6A		
-TOXAWAY RIVER GORGE	REID	A	PRV/USFS	0/1/2A	2A/2A/6A	NHP	PARTIAL RHA
-LITTLE RIVER-DUPONT NATURAL AREAS	STANDINGSTONE MOUNTAIN, BREVARD	A	PRV	2A	2A	NHP	RHA
-LOOKING GLASS ROCK	SHINING ROCK	A	USFS	6A/2B	6A/2B	USFS	RHA
-THE PINK BEDS	SHINING ROCK	A	USFS	2B	6A/2B	USFS	RHA
-WHITEWATER RIVER FALLS AND GORGE	CASHIERS	A	USFS	6A/2B	6A/2B	USFS	RHA
* B							
-JOHN ROCK	SHINING ROCK	B	USFS	2B	2B	USFS	RHA
-MOUNT PISGAH	CRUSO, DUNSMORE	B	NPS/USFS	8/2B	2B	NPS/USFS/ NHP	RHA
-TANASEE BALD-TANASEE RIDGE	SAM KNOB	B					
* C							
-BIG RIDGE	ROSMAN	C	PRV	0			
-CHESTNUT BALD-SILVERMINE BALD	SAM KNOB	C	NPS	8/2B	8/2B	NPS	RHA
-DEVIL'S COURTHOUSE	SAM KNOB	C	NPS	8	2B	NPS/NHP	
-DISMAL FALLS	LAKE TOXAWAY	C	USFS	2b	2b	NHP	RHA
-DUNNS CREEK SLOPES	BREVARD	C	PRV	0			
-FRYING PAN GAP	CRUSO	C	NPS	8/2B	2B	NPS	RHA
-QUEBEC MOUNTAIN SLOPE	ROSMAN	C	USFS	1		USFS	
-SPICE COVE	ROSMAN	C	USFS	0		USFS	
TYRRELL							
* A							
-ALLIGATOR CREEK-SECOND CREEK SWAMP FOREST	FORT LANDING, FRYING PAN	C	PRV	0			
-BUCK ISLAND BAY FOREST	FAIRFIELD NE	C	PRV	0			
-FRYING PAN WHITE CEDAR STAND	FRYING PAN, SCOTIA	C	FWS	8	6A/2B	FWS	
* B							
-LAKE PHELPS	CRESWELL	B	NCSP	8/2A	2A	NCSP	RHA
-SCUPPERNONG RIVER SWAMP FOREST	COLUMBIA WEST	B	PRV	0	8	TNC	
-UPPER ALLIGATOR RIVER POCOSIN	FAIRFIELD NW, NEW LAKE, SCOTIA, CRESWELL	B	PRV	0	8	TNC	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
TYRELL							
* C							
-HARVESTER ROAD TALL POCOSIN	NEW LAKE, NEW LAKE NW, CRESWELL SE	C	PRV	0			
-UPPER ALLIGATOR RIVER MARSH	FAIRFIELD, FAIRFIELD NW	C	PRV	0			
UNION							
* A							
-SEABOARD COAST LINE SUNFLOWER SITE	WAXHAW	A	PRV	0	2A/4	TNC/NHP	
-SEABOARD COASTLINE SUNFLOWER SITE	WAXHAW	A					
-WAXHAW SUNFLOWER SITE	WAXHAW	A	NC DOT/PRV	1/0	2a	NHP	
VANCE							
* C							
-TABBS CREEK RICH SLOPE	KITTRELL	C	PRV	0			
-TAR RIVER CAMASSIA SLOPE	KITTRELL	C	PRV	0			
WAKE							
* A							
-LITTLE RIVER (WAKE/JOHNSTON/WAYNE) AQUATIC HABITAT	FLOWERS, STANCILS, CHAPEL ZEBULON, OTHERS	A					
-MITCHELL'S MILLPOND-ROLESVILLE OUTCROP NATURAL AREA	ROLESVILLE	A	PRV/NCSP	1/8	8/9	NCSP/TNC	PARTIAL RHA
* B							
FALLS LAKE NATURAL AREAS MACROSITE							
-ADAM MOUNTAIN	BAYLEAF	B	PRV/COE	1	2B	WRC/NHP	PROPOSED RHA
-B. W. WELLS INTERPRETIVE AREA	BAYLEAF, CREEDMOOR	C	COE	1	2B	NCSP/NHP	PROPOSED RHA
-OLD STILL CREEK	CREEDMOOR	C	COE	1	2B	WRC. NHP	PROPOSED RHA
-UPPER BARTON CREEK	BAYLEAF	C	COE	1	2A	WRC/NHP	
-HEMLOCK BLUFFS	APEX	B	PRV/NCSP	1/8	8/9	LOCAL/NCSP	PARTIAL RHA/DEDICATE
-LITTLE RIVER AQUATIC HABITAT	FLOWERS, KENLY W, GOLDSBORO NW	B	NC	* 0	2A/6A	NHP	
-SHEARON HARRIS WOODPECKER SITE	NEW HILL	B	PRV	2A	2A	NHP	RHA
-SOUTHWEST ROLESVILLE GRANITIC FLATROCKS	ROLESVILLE	B	PRV	0		TLC	
-SWIFT CREEK BLUFFS	APEX	B	PRV	1	7/8	TLC *	PARTIALLY DESTROYED
-THE ROCKS	KNIGHTDALE	B	TLC	8	8/2A	TLC	
-UMSTEAD PARK NATURAL AREAS	RALEIGH W. CARY	B	NCSP	8/2A	2A	NCSP	RHA
-WALNUT CREEK SUMAC SITE	GARNER	B	LOCAL	1	2A	NHP	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
WAKE							
* C							
-CAMP BRANCH HEARTLEAF SITE	APEX	C	PRV	0			
-DUTCHMAN'S BRANCH BLUFFS	APEX	C	PRV	0			
-LAKE RALEIGH HARDWOOD FOREST	RALEIGH WEST	C	LOCAL	0	2A	NHP	
-MIDDLE CREEK SLOPES	APEX	C	PRV	0			
-NEUSE RIVER BOTTOMLAND FORESTS	WAKE FOREST	C	PRV	0		TLC	
-ROBERTSON'S MILLPOND AND BUFFALO CREEK	KNIGHTDALE	C	PRV	0/2A	2A+	NHP	PARTIAL RHA
-TEMPLE ROCK	KNIGHTDALE	C	PRV/TNC/ TLC	7/2A	7/2A	TLC	RHA
-WILD CAT HOLLOW	ROLESVILLE	C	PRV	1/2A	2A	NHP	PARTIAL RHA
WARREN							
* C							
-REEDY CREEK HARDWOOD FORESTS	HOLLISTER	C	PRV	0			
WASHINGTON							
* B							
-CONABY CREEK-ROANOKE RIVER SWAMP	WESTOVER	B	TNC/PRV	8/2A	8/2A	TNC	PARTIAL RHA
-EAST DISMAL SWAMP	PLYMOUTH EAST, ROPER SOUTH	B	PRV	0			
-LAKE PHELPS	CRESWELL	B	NCSP	8/2A	2A	NCSP	RHA
-PETTIGREW CYPRESS NATURAL AREA	CRESWELL	B	NCSP/PRV	8/2A	2A	NCSP	RHA
-VAN SWAMP	HOKE, PLYMOUTH WEST	B	PRV	0			
* C							
-BULL'S NECK SWAMP	LEONARD'S POINT	C	PRV				DESTROYED
-CHAPEL SWAMP	ROPER NORTH	C	PRV	0			
-PUNGO NATIONAL WILDLIFE REFUGE	PUNGO LAKE	C	FWS	8/2B	2B	FWS	RHA
WATAUGA							
* A							
-GRANDFATHER MOUNTAIN	GRANDFATHER MOUNTAIN	A	PRV/NPS	2A/2B	7/9/2B	NHP	PARTIAL RHA
-HANGING ROCK MOUNTAIN	VALLE CRUCIS	A	PRV	1	5/8/2A	NHP/TNC *	PARTIAL RHA
-JULIAN PRICE PARK WETLANDS NATURAL AREA	BOONE	A	NPS	1	6A/2B	NPS/NHP	RHA
-LONG HOPE VALLEY	ZIONVILLE, BALDWIN GAP	A	PRV	1	7/8	TNC *	

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
WATAUGA							
* B							
-BEECH CREEK BOG	VALLE CRUCIS	B	PRV	0			
-POTATO HILL BOG	ZIONVILLE	B	PRV	1	7/8	TNC	
-POTATO HILL-RICH MOUNTAIN BALD	ZIONVILLE	B	PRV	1	7/2A	NHP/TNC	
* C							
-HOWARD'S CREEK FLOODPLAIN	ZIONVILLE	C	PRV	0			
-RICH MOUNTAIN	BOONE	C	PRV	0			
-SNAKE MOUNTAIN	ZIONVILLE	C					
WAYNE							
* B							
-LITTLE RIVER AQUATIC HABITAT	FLOWERS, KENLY W, GOLDSBORO NW	B	NC	0	2A/6A	NHP	
* C							
-CLIFFS OF THE NEUSE NATURAL AREA	SEVEN SPRINGS	C	NCSP	8/2A	2A	NCSP	RHA
WILKES							
* A							
-DOUGHTON PARK	WHITEHEAD	A	NPS	2B	2B	NPS	RHA
-STONE MOUNTAIN COMPLEX	GLADE VALLEY	A	NCSP/PRV	8/2A	9/2A	NCSP	RHA/POTENTIAL DNP
* C							
-RENDEZVOUS MOUNTAIN STATE FOREST NATURAL AREA	PURLEAR	C	NCSF	2A	2A	NCSF/NHP	RHA
YANCEY							
* A							
-BIG BALD MOUNTAIN	BALD CREEK	A	USFS	1	6A/2B	USFS/NHP	RHA
BLACK MOUNTAINS COMPLEX MACROSITE							
-BLACK MOUNTAIN-CELO KNOB NATURAL AREA	CELO, MT. MITCHELL, MONTREAT	A	USFS	1	6A/2B	USFS/NHP	RHA
-CANE RIVER UPPER WATERSHED	MT. MITCHELL	B	NC	0	2A/6A	NHP	
-MOUNT MITCHELL PARK NATURAL AREA	MT. MITCHELL	A	NCSP	8/2A	9	NCSP	RHA/DEDICATE
-UPPER BOWLENS CREEK	MT. MITCHELL	C	USFS	0	2B	NHP	
-CELO COMMUNITY NATURAL AREA	CELO	A	PRV	2A	2A	NHP	RHA

Natural Area Name	Quad Location	Site Priority	Owner Code	Current Status	Intended Status	Protection Lead	Comments
YANCEY							
* B							
-BACCHUS SPIRAEA SITE # 1	MICAVILLE	B	PRV	0	2A	NHP	
-BACCHUS SPIRAEA SITE # 2	MICAVILLE	B	PRV	0	2A	NHP	
-CANE RIVER AQUATIC HABITAT	HUNTDALE, BURNSVILLE	B					
-CANE RIVER-NORTH TOE RIVER AQUATIC HABITAT	HUNTDALE	B	NC	0	2A/6A	NHP	
* C							
-NOLICHUCKY RIVER GORGE	CHESTOA, HUNTDALE	C					
-OGLE MEADOWS	MT. MITCHELL	C	PRV	0			
-SOUTH TOE RIVER AQUATIC HABITAT	CELO	C	NC-	2A	2A	NC DNRCD	

HIGHEST PRIORITY NATURAL AREAS, 1989

The following two lists identify those North Carolina natural areas which the Natural Heritage Program has determined, on the basis of existing inventory information, to be of highest priority for protection. These sites are a subset of the total Natural Heritage Priority List. All of these areas contain ecological resources considered to be of greatest significance on a national or statewide perspective. All contain natural diversity elements which have high global and state rankings. Other natural areas of equal ecological importance are not listed when they presently have the maximum assurance of protection (for example, dedicated nature preserves where no more acquisitions are needed, national wilderness areas, federal research natural areas, and most registered park, refuge, or forest natural areas where acquisitions are complete). The listed sites are not sufficiently assured of protection, and actions are recommended to provide greater protection (for example, by registry agreement, easement, acquisition, dedication, etc.). Like the total priority list, these "highest protection priority lists" are dynamic and will be revised as changes occur in resource information, ranking evaluations, land uses and threats, and protection statuses.

The first list is arranged by site name in alphabetical order. Additional information for each site includes an estimation of the current level of threat (including from external sources), whether the site includes wetlands natural communities, the recommended conservation/protection strategy, current protection status, and management/stewardship considerations.

The second list is arranged by the recommended protection strategy. Site names are grouped by the recommended strategy: registration, easement or management agreement, acquisition, dedication, etc. Standard codes indicate the current protection statuses and proposed alternative protection strategies.

NORTH CARLOLINA PRIORITY SITES
T = THREAT: H=HIGH, M=MEDIUM, L=LOW
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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
ALLIGATOR RIVER SWAMP FOREST	M	W	RECOMMEND FEDERAL RESEARCH NATURAL AREA.	NO FORMAL PROTECTION STATUS ON REFUGE LAND. PORTION IN DARE BOMBING RANGE BUFFER IS REGISTERED NATURAL AREA.	FIRE MANAGEMENT, EVALUATE HYDROLOGY.
ALLIGATOR RIVER-SWAN LAKE SWAMP FOREST	M	W	ACQUIRE WHITE CEDAR TIMBER RIGHTS ON TNC PRESERVES. ACQUIRE INTERVENING FOREST BETWEEN TNC & USAF-USFWS PRESERVES.	PRIVATE PROPERTIES UNPROTECTED. TNC ACQUISITION PROJECTS.	FIRE MANAGEMENT.
ANTIOCH CHURCH CAROLINA BAY	M	W	ACQUISITION AND DEDICATION	TNC PART REGISTERED NATURAL AREA. REMAINDER NOT PROTECTED.	RESTORE HYDROLOGY, DEVELOP FIRE MANAGEMENT PLAN, MONITOR RARE PLANTS AND COMMUNITY.
BALD HEAD-SMITH ISLAND COMPLEX	H	W	ACQUIRE ADDITIONAL MARITIME FOREST. DEDICATION OF STATE OWNED TRACTS.	PRIVATE PROPERTY UNPROTECTED. STATE OWNED PORTION IS REGISTERED NATURAL AREA.	
BAT CAVE	L		COMBINATION OF EASEMENT, ACQUISITION, AND DEDICATION	LEASE TO NC NATURE CONSERVANCY. RHA (PARTIAL). REGISTERED NATURAL AREA.	MONITOR ELEMENTS, CONTROL ACCESS
BAT FORK BOG	H	W	LANDOWNER CONTACT NEEDED TO DETERMINE PROTECTION OPTIONS	NO PROTECTION STATUS	DETERMINE IF HYDROLOGY CAN BE MAINTAINED, FURTHER INVENTORY, DETERMINE POPULATION SIZE OF TWO KNOWN ELEMENTS
BATTERY ISLAND	L		DEDICATION.	REGISTERED NATURAL AREA.	IMPLEMENT COLONIAL WATER BIRD MANAGEMENT PLAN.
BEAVER DAM CREEK-LITTLE MUDDY CREEK	M	W	STRENGTHEN REGISTRY PROTECTION.	REGISTERED NATURAL AREA.	FIRE MANAGEMENT.
BLACK ANKLE BOG	H	W	LANDOWNER CONTACT NEEDED TO DETERMINE PROTECTION OPITIONS.	NO PROTECTION STATUS	VEGETATION CONTROL, HYDROLOGY
BLACK MOUNTAIN-CELO KNOB NATURAL AREA	L		RESEARCH NATURAL AREA AND SPECIAL INTEREST AREA.	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA. INCLUDES MIDDLE CREEK RESEARCH NATURAL AREA.	MONITOR HEALTH OF CONIFERS.
BLACK RIVER CYPRESS FOREST	M	W	COMBINATION OF REGISTRY, ACQUISITION, EASEMENTS, AND DEDICATION	TNC PRESENTLY WORKING WITH SOME LANDOWNERS. PROPOSED FOR HIGH QUALITY WATER CLASSIFICATION.	
BLACKROCK MOUNTAIN-GRANITE CITY	M		REGISTER FOREST SERVICE PORTION.	NO PROTECTION.	
BLUFF MOUNTAIN	M	W	DEDICATE AS NC NATURE PRESERVE. COMPLETE ACQUISITIONS.	REGISTERED NATURAL AREA. NATURE CONSERVANCY PRESERVE. NO ACTIVE NEGOTIATIONS BECAUSE OF ASKING PRICE.	MONITOR ELEMENTS AND HYDROLOGY

NORTH CARLOLINA PRIORITY SITES
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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
BOG HOLE	L	W	STRENGTHEN REGISTRY PROTECTION.	REGISTERED NATURAL AREA.	MONITOR HYDROLOGY, BURN SURROUNDING AREA.
BOILING SPRING LAKES--WETLAND COMPLEX	H	W	ACQUISITION.	NO PROTECTION STATUS.	FIRE MANAGEMENT, MONITOR HYDROLOGY.
BUCK CREEK SERPENTINIZED OLIVINE BARRENS	H		POTENTIAL FEDERAL RESEARCH NATURAL AREA. REGISTER PART THAT IS NOT REGISTERED.	PART IS REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA. REMAINDER IS UNPROTECTED.	MONITOR ELEMENTS
BUSHY LAKE CAROLINA BAY	L	W	COMPLETE ACQUISITION. CANDIDATE FOR DEDICATED PRESERVE.	STATE OWNED PARTS REGISTERED NATURAL AREA	MONITOR HYDROLOGY, FIRE MANAGEMENT PLAN.
BUTNER DIABASE-SMOOTH CONEFLOWER GLADES	H		REGISTER AND SEEK DEDICATION	NO FORMAL PROTECTION STATUS	MAINTENANCE OF OPENINGS IN PINE-CEDAR FOREST
BUXTON WOODS	H	W	ACQUISITION AND DEDICATION. LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS. REGULATE DEVELOPMENT.	NPS 920 ACRES REGISTERED NATURAL AREA, COASTAL MANAGEMENT 300+ ACRES ADDITION, & MORE ACQUISITION IN PROGRESS	MONITOR HYDROLOGY, CONTROL ACCESS
CALLOWAY TRACT MACROSITE	H		LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NONE.	INVENTORY NEEDED
CAMASSIA SLOPES	L	W	DEDICATION	REGISTERED NATURAL AREA.	MONITOR CAMASSIA AND OTHER RARE PLANTS.
CAMP LEJEUNE (GENERAL)	M	W	REGISTER ADDITIONAL AREAS.	TWO SMALL AREAS ARE REGISTERED. ACTIVE MANAGEMENT FOR FEDERALLY LISTED SPECIES.	WORK WITH CAMP LEJEUNE PERSONNEL TO MINIMIZE NEGATIVE IMPACTS OF MILITARY TRAINING. FURTHER INVENTORY.
CANE RIVER UPPER WATERSHED	M		CONTACT LANDOWNER TO DETERMINE PROTECTION OPTIONS.	NO FORMAL PROTECTION STATUS	FURTHER INVENTORY
CATAWBA COUNTY WILDLIFE CLUB HEARTLEAF SITE	L		LANDOWNER CONTACT OF CORPORATE OWNER NEEDED TO DETERMINE PROTECTION OPTIONS.	ONE OWNER HAS REGISTERED. CONTACT OF SECOND OWNER IS NEEDED	NONE OBVIOUS AT THIS TIME
CEDAR MOUNTAIN BOG	M	W	REGISTRY OR MANAGEMENT AGREEMENT	NO PROTECTION STATUS	MONITOR HYDROLOGY AND ELEMENTS
CHARLIE LONG MILL POND-BIG COLLY BAY	L	W	DEDICATE.	REGISTERED.	FIRE MANAGEMENT.
CHIMNEY ROCK NATURAL AREA	M		EASEMENT OR GIFT WOULD GIVE ADDITIONAL PROTECTION TO THIS ALREADY REGISTERED SITE.	REGISTERED NATURAL AREA. TNC SHOULD SEEK OTHER PROTECTION POSSIBILITIES.	NONE KNOWN AT THIS TIME.

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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
CHOWAN SAND RIDGE	H		EASEMENT AND ACQUISITION.	NO PROTECTION STATUS	DEVELOP FIRE MANAGEMENT PLAN.
CONINE ISLAND - ROANOKE RIVER	L	W	DEDICATION	ACQUISITION BY WRC AND TNC	
CONIOTT CHERRYBARK OAK RIDGE	H	W	ACQUISITION AS POTENTIAL ADDITION TO PROPOSED ROANOKE RIVER NWR.	NO PROTECTION STATUS	UNKNOWN.
CREEK & CORRIDOR BELOW KINNEY CAMERON LAKE	M	W	STRENGTHEN REGISTRY PROTECTION.	REGISTERED NATURAL AREA.	FIRE MANAGEMENT.
CROATAN POCOSINS	L	W	ACQUIRE INHOLDINGS. PARTIALLY NATIONAL WILDERNESS (30,000 ACRES). REST POTENTIAL FOR FEDERAL RESEARCH NATURAL AREA	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA.	FIRE MANAGEMENT.
CURRITUCK CLUB NATURAL AREA	L	W	EASEMENT, MANAGEMENT AGREEMENT	REGISTERED NATURAL AREA	NONE KNOWN
CUTGRASS CARLOINA BAY	L	W	ACQUISITION OR MANAGEMENT AGREEMENT	REGISTERED NATURAL AREA	MONITOR HYDROLOGY
DEVIL'S GUT SLOUGH	H	W	ACQUISITION.	ONE TRACT IS REGISTERED NATURAL AREA AND UNDER OPTION TO TNC. SECOND TRACT IS UNPROTECTED.	
DUNAHOE BAY	L	W	DEDICATION	REGISTERED NATURAL AREA.	MONITOR HYDROLOGY
ELLER PRESERVE	M	W	DEDICATION AND ADDITIONAL ACQUISITION	MOST OF SITE IS TNC PRESERVE. REMAINDER UNPROTECTED.	LOOK AT HYDROLOGY AND POSSIBLY RESTORE. MAY NEED FIRE. MONITOR RARE ELEMENT.
EMERALD ISLE WOODS	H	W	ACQUISITION.	NO PROTECTION STATUS, THREATENED BY DEVELOPMENT	NONE KNOWN AT THIS TIME.
ENO RIVER DIABASE SILL	H		ACQUISITION AND DEDICATION.	PART REGISTERED NATURAL AREA (HARRELSON). REMAINDER UNPROTECTED.	CONTROL ACCESS, MONITOR ELEMENT SPECIES, CONTROL EXOTICS. MAINTAIN OPEN CANOPY OF SITE (PERHAPS BY BURNING OR SELECT CUTTING). ROW MOWING AND MAINTENANCE AGREEMENTS WITH DOT AND DUKE POWER CO.
ETOWAH BOG	M	W	ACQUISITION AND DEDICATION.	PART REGISTERED NATURAL AREA (MCCLURE). DALTON TRACT UNPROTECTED (REFUSED REGISTRY).	CONTROL ACCESS. MONITOR HYDROLOGY. STOP COLLECTING. MAY NEED GRAZING OR FIRE. MAINTAIN OPEN CANOPY (BURNING OR SHRUB CUTTING).
FAIRCLOTH ROAD POND PINE POCOSIN	H	W	RESEARCH NATURAL AREA.	REGISTERED. THREAT OF PROPOSED TIMBER CUT.	FIRE MANAGEMENT.
RAL PAPER HARDWOOD FLATS	H	W	ACQUISITION, EASEMENT OR DEDICATION.	NO PROTECTION STATUS	HYDROLOGY.

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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
FLAT ROCK CHURCH OUTCROP	M		REGISTRATION REFUSED, RECOMMEND ACQUISITION.	NOT PROTECTED	CONTROL ACCESS.
FORT BRAGG MEGASITE	H	W	REGISTER PORTIONS	NO PROTECTION STATUS	FURTHER INVENTORY
FROGSBORO UPLAND DEPRESSION FOREST	M	W	REGISTRY OR DEDICATION	NO FORMAL PROTECTION STATUS. CASWELL GAME LAND.	NONE KNOWN AT THIS TIME.
GAR CREEK SCHWEINITZ'S SUNFLOWER SITE	L		MANAGEMENT AGREEMENT AND REGISTRY.	MANAGEMENT AGREEMENT WITH TNC. ALSO PROPOSED FOR REGISTRY.	SOME REMOVAL OF INVADING WOODY PLANTS NEEDED. ALSO, REGULAR MONITORING.
GOOSE POND CAROLINA BAY	M	W	COMPLETE ACQUISITION. DEDICATION.	PART IS TNC PRESERVE AND REGISTERED NATURAL AREA.	FIRE MANAGEMENT PLAN. IMPLEMENT HYDROLOGY PLAN.
GOSHEN GABBRO FOREST	H	W	LANDOWNER CONTACT NEEDED TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	NOT KNOWN AT THIS TIME.
GRANDFATHER MOUNTAIN MACROSITE	M		EXPAND REGISTRY AND DEDICATE ENTIRE AREA.	PARTIALLY REGISTERED NATURAL AREA (PORTIONS OF PRIVATE AS WELL AS BRP CORRIDOR). ANOTHER TRACT PROPOSED FOR DEVELOPMENT.	MONITOR ELEMENTS. COMPLETE INVENTORY.
GREAT ISLAND-THOROUGHFARE OF ROANOKE	L	W	COMPLETE ACQUISITIONS. DEDICATE AS NC NATURE PRESERVE.	PARTIALLY PROTECTED. WRC LANDS DEDICATED NATURE PRESERVE.	NONE KNOWN.
GREAT LAKE SWAMP FOREST	M	W	ACQUIRE INHOLDINGS.	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA (FOREST SERVICE PORTION).	NONE KNOWN.
GREEN SWAMP PRESERVE	L	W	DEDICATE.	TNC PRESERVE IS REGISTERED NATURAL AREA.	FIRE MANAGEMENT, HYDROLOGY, RARE PLANT POACHING, MONITOR ELEMENTS, FURTHER INVENTORY.
GULL ROCK GAME LAND NATURAL AREAS	L	W	DEDICATION.	PORTIONS OF GAME LAND PROPOSED FOR REGISTRATION OR DEDICATION.	IMPLEMENT FIRE MANAGEMENT PLAN.
HAMMOCKS BEACH STATE PARK	L	W	DEDICATION.	STATE PARK AND REGISTERED NATURAL AREA.	
HANGING ROCK MOUNTAIN	H		COMPLETE PROTECTION THROUGH ACQUISITION AND/OR MORE EASEMENTS. GOODHILL SITE.	RASMUSSEN PROPERTY (HANGING ROCK RIDGE-DUTCH CREEK COVES) REGISTERED. CONSERVATION EASEMENT GIVEN TO TNC. REST UNPROT.	MONITOR ELEMENTS
HANGING ROCK PARK NATURAL AREAS	L		DEDICATION	STATE PARK NATURAL AREAS REGISTERED	
HOLLY SHELTER GAME LAND MACROSITE	M	W	REGISTRY AND DEDICATION OF PORTIONS.	NO FORMAL PROTECTION STATUS FOR WILDLIFE GAME LAND.	FURTHER INVENTORY.
HORSEPASTURE RIVER GORGE	M		ACQUISITION BY TNC WITH TRANSFER TO USFS.	USFS PORTION REGISTERED NATURAL AREA AND SPECIAL INTEREST AREA. NAT'L & STATE WILD AND SCENIC RIVER.	NONE KNOWN

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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
HORSESHOE LAKE (SUGGS MILLPOND) AND MARSHY BAY	M	W	ACQUISITION.	NO PROTECTION STATUS	MONITOR HYDROLOGY.
ISLAND CREEK	M		FEDERAL RESEARCH NATURAL AREA. COMPLETE ACQUISITION.	USFS PART IS SPECIAL INTEREST AREA AND REGISTERED NATURAL AREA.	
JAMES LONGLEAF FLATWOODS	H	W	LAND OWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO CURRENT PROTECTION. OWNER KNOWS OF CONSERVATION INTEREST IN PROPERTY	REGULAR CONTROLLED BURNING. UNDERSTORY CONTROL FOR RED-COCKADED WOODPECKERS.
JOE-LITTLE JOE MOUNTAINS	L		ACQUISITION AND MANAGEMENT AS TNC PRESERVE. GOODHILL PROJECT	ONE TRACT ACQUIRED BY TNC, SECOND TRACT OPTION, FURTHER NEGOTIATIONS ONGOING.	MONITOR ELEMENTS.
JOHNSON MILL POND NATURAL AREA	L	W	DEDICATE.	REGISTERED.	HYDROLOGY, FIRE MANAGEMENT.
JONES LAKE STATE PARK NATURAL AREAS	L	W	DEDICATE AS NATURE PRESERVE	REGISTERED NATURAL HERITAGE AREA	FIRE MANAGEMENT.
JUNIPER SPRINGS CHURCH NATURAL AREA	M	W	NEED LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	COMPLETE INVENTORY
[illegible]EY NATURAL AREA	L		POTENTIAL RESEARCH NATURAL AREA.	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA.	NONE KNOWN.
KING CREEK BOG	M	W	ACQUISITION AND MANAGEMENT AS TNC PRESERVE.	NONE. OWNER IS FAMILIAR WITH CONSERVATION INTEREST IN PROPERTY (BUT DECLINED REGISTRY). GOODHILL SITE.	MONITOR RARE PLANT POPULATIONS, MAINTAIN SITE SECURITY, FURTHER INVENTORY, MONITOR HYDROLOGY.
KITTY HAWK WOODS	H	W	ACQUISITION OR EASEMENT.	NO PROTECTION STATUS	MONITOR HYDROLOGY. FURTHER INVENTORY.
LAKE ELLIS SIMON	L	W	EASEMENT.	REGISTERED NATURAL AREA	MONITOR HYDROLOGY.
LAKE WACCAMAW NATURAL AREA	H	W	ACQUISTION AND DEDICATION	STATE LAKE REGISTERED AND PROPOSED FOR OWR. STATE OWNED SHORELINE REGISTERED. PRIVATE SHORELINE UNPROTECTED.	FIRE MANAGEMENT.
LANIER QUARRY SAVANNA	H	W	COMPLETE ACQUISITION, DEDICATE.	PART OWNED BY TNC IS REGISTERED BUT THIS IS ONLY SMALL PART OF NATURAL AREA.	FIRE MANAGEMENT, STOP DUMPING, BLOCK DITCHES, CONTROL ACCESS, COORDINATE ROW MAINTENANCE.
LARKSPUR RIDGE	M		ACQUISITION.	REGISTERED NATURAL AREA	
LINK (SLOAN) BOG	H	W	LANDOWNER CONTACT NEEDED TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	VEGETATION CONTROL, HYDROLOGY.
LINVILLE CAVERNS	M		DEDICATION.	REGISTERED.	CONTROL ACCESS.
LITTLE PETERS CREEK BLUFFS	M	W	ACQUISITION BY TNC. LANDOWNER CONTACT.	NO PROTECTION STATUS	NONE KNOWN.
LONG HOPE VALLEY MACROSITE	M	W	EASEMENT.	NO FORMAL PROTECTION STATUS.	MONITOR ELEMENTS, STUDY HYDROLOGY OF BOG/FENS, FURTHER INVENTORY, GRAZING/MOWING MAINTENANCE OF BALDS, AGRICULTURAL CHEMICAL USE (HERBICIDES).

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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
LOWER CAPE FEAR RIVER BIRD NESTING ISLANDS	L		REGISTRATION. MANAGEMENT BY WRC OR AUDUBON.	ONLY A FEW OF THE ISLANDS ARE REGISTERED.	IMPLEMENT COLONIAL WATER BIRD MANAGEMENT PLAN.
MARTIN'S ROCK	M		ACQUISITION. TNC GOODHILL PROJECT.	UNPROTECTED. REGISTRY AGREEMENT WITH PREVIOUS OWNER WHO SOLD WITHOUT NOTIFICATION.	CONTROL ACCESS.
MCCAIN NATURAL AREAS	M	W	REGISTRY OR MANAGEMENT AGREEMENT	NO FORMAL PROTECTION STATUS. OWNER DECLINED REGISTRY.	FIRE MANAGEMENT. MONITOR ELEMENTS.
MCINTOSH BAYS (TUNSTALL'S, BIG CYPRESS, RABBIT RUN	H	W	COMPLETE TNC ACQUISITION.	PART OWNED BY TNC IS REGISTERED. SECOND TRACT REGISTERED. REMAINDER UNPROTECTED.	MONITOR ELEMENTS, HYDROLOGICAL MONITORING, CONTROL OF DRAINAGE, IMPLEMENT FIRE PLAN.
MILITARY OCEAN TERMINAL SUNNY POINT	H	W	REGISTRY OF PORTIONS	NO PROTECTION STATUS	FIRE MANAGEMENT, HYDROLOGY, MONITOR LIMESINK PONDS.
MILLIS ROAD LONGLEAF PINE SAVANNA AND POCOSIN	L	W	RESEARCH NATURAL AREA.	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA.	CONTINUE BURNING.
MILLSTONE CREEK	H	W	STRENGTHEN REGISTRY PROTECTION.	REGISTERED NATURAL AREA.	FIRE MANAGEMENT.
MITCHELL'S MILLPOND-ROLESVILLE OUTCROP NAT. AREA	M		COMPLETE ACQUISITION AND DEDICATION.	STATE OWNED PART IS A REGISTERED NATURAL AREA. CURRENT STATE PARK ACQUISITION PROJECT.	CONTROL ACCESS, ACQUIRE UPSTREAM CORRIDOR, CONTROL TRASH DUMPING.
MONKEY ISLAND HERONRY	M	W	MANAGEMENT AGREEMENT	PROPOSED TRANSFER FROM USFWS TO COUNTY. NEED REGISTRY, DEDICATION OR MANAGEMENT AGREEMENT.	REBUILD BULKHEAD. MONITOR ELEMENTS.
MOSS NECK SAVANNA	H	W	LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	
MOUNT MITCHELL PARK NATURAL AREA	L		DEDICATION.	REGISTERED NATURAL AREA. NATIONAL NATURAL LANDMARK.	MONITOR HEALTH OF CONIFERS.
MYRTLE HEAD SAVANNA	H	W	ACQUISITION AND MANAGEMENT AS NATURAL AREA	OWNER KNOWS OF INTEREST IN SITE, NEGOTIATING WITH TNC	FIRE MANAGEMENT, REMOVE LOGGING DEBRIS, MONITOR RARE PLANT POPULATIONS, FURTHER INVENTORY.
NAGS HEAD WOODS	M	W	COMPLETE ACQUISITION AND EMPLOY OTHER PROTECTION OPTIONS FOR OTHER PRIVATE AND MUNICIPAL TRACTS. DEDICATION.	TOWN PROPERTY REGISTERED NATURAL AREA (400AC). TNC PROPERTY (358 AC) DEDICATED STATE NATURE PRESERVE.	SEE PRESERVE MANAGEMENT PLAN.
NEW RIVER LIMESTONE RAVINE	M		CONTACT OWNER TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS.	MAY NEED CONTROL OF HONEYSUCKLE.
NORRIS CREEK MICHAUX'S SUMAC SITE	M		REGISTRY OR MANAGEMENT AGREEMENT.	NO PROTECTION STATUS. OWNER RECENTLY INFORMED OF INTEREST IN SITE.	CONTROL WOODY VEGETATION, MARK SITE FOR DOT.

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SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
NORTH FORK WATERSHED	M		REGISTER OR HIGHER PROTECTION FOR ALL AREAS	860 AC. BRP CORRIDOR REGISTERED. WATERSHED MANAGED AS PROTECTED RESERVE BUT WATER AUTHORITY BOARD REFUSED TO REGISTER.	
NORTH RIVER SWAMP FOREST AND MARSH	L	W	REGISTRY OR CONSERVATION EASEMENT.	NO PROTECTION STATUS	COMPLETE INVENTORY.
OAK SAVANNA BAY	L	W	COMPLETE ACQUISITION.	NATURE CONSERVANCY PRESERVE. REGISTERED NATURAL AREA.	IMPLEMENT FIRE PLAN, MONITOR HYDROLOGY, MONITOR ELEMENTS, FURTHER INVENTORY, AND PRESERVE DESIGN.
OCHLAWAHA BOG	H	W	COMPLETE ACQUISITION, MANAGE AS TNC PRESERVE. GOODHILL SITE.	TNC WORKING ON PROTECTION.	MODIFICATION OF HYDROLOGY.
ORTON CREEK SAVANNA	H	W	LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS.	NEEDS BURNING.
ORTON POND AND PLANTATION MACROSITE.	H	W	MANAGEMENT AGREEMENT OR ACQUISITION OF PORTIONS.	NO PROTECTION STATUS.	FURTHER INVENTORY AND MONITOR ELEMENTS.
OVERTON ROCK	M		UPGRADE PROTECTION TO A PERMANENT FORM.	REGISTERED NATURAL AREA	CONTROL ACCESS, DUMPING, ORV.
PAINT HILL	H		ACQUISITION.	NO PROTECTION STATUS	FIRE MANAGEMENT PLAN.
PAINT ROCK ROAD AREA	M		LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS ON PRIVATELY OWNED PORTIONS.	PART IS REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA. REMAINDER IS UNPROTECTED.	MONITOR ELEMENTS.
PANTHERTOWN VALLEY MACROSITE	H	W	ACQUISITION AND SPECIAL USFS STATUS.	UNPROTECTED. THREATENED BY PROPOSED SALE AND DEVELOPMENT.	PRESERVE DESIGN.
PATSY POND COMPLEX	H	W	ACQUIRE INHOLDINGS. FEDERAL RESEARCH NATURAL AREA	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA.	CONTROL ORVS - BLOCK ACCESS ON NC 24. CONTINUE BURNING.
PEE DEE REFUGE NATURAL AREAS	M	W	RESEARCH NATURAL AREA.	REGISTERED NATURAL AREA. THREAT BY PROPOSED IMPOUNDMENTS.	MAINTAIN HABITAT FOR RED-COCKADED WOODPECKER COLONIES.
PINE ISLAND AUDUBON SANCTUARY	L	W	DEDICATION	REGISTERED NATURAL AREA	NONE KNOWN
PINEOLA BOG	M	W	CONSERVATION EASEMENT WITH PRIMARY OWNER. CONTACT SECONDARY OWNERS TO DETERMINE PROTECTION OPTIONS.	REGISTERED NATURAL AREA WITH PRIMARY OWNER.	HYDROLOGY, WATER QUALITY, VEGETATIONAL SUCCESSION.

NORTH CARLOLINA PRIORITY SITES
T = THREAT: H=HIGH, M=MEDIUM, L=LOW
W = WETLAND

SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
POTATO HILL-RICH MOUNTAIN BALD	M		LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS. GOODHILL SITE.	NO PROTECTION STATUS OWNER INFORMED.	WOODY PLANT ENCROACHMENT ON BALDS.
PRETTY POND CAROLINA BAY	L	W	DEDICATION	REGISTERED NATURAL AREA. NATURE CONSERVANCY PRESERVE.	MONITOR HYDROLOGY
ROAN MOUNTAIN MASSIF	M		COMPLETE ACQUISITION. REGISTRY & PRESERVE DEDICATION.	SAHC AND USFS PORTIONS REGISTERED NATURAL AREAS.	IMPLEMENT RECOMMENDED MANAGEMENT PLAN FOR WOODY VEGETATION CONTROL, TRAIL ROUTING, MONITOR TRAMPLING DAMAGE.
ROBERDO BOG	L	W	POTENTIAL RESEARCH NATURAL AREA.	REGISTERED NATURAL AREA AND USFS SPECIAL INTEREST AREA.	MONITOR HYDROLOGY.
ROCK HOUSE CAVE NATURAL AREA	H		ACQUISITION.	NO PROTECTION STATUS. ONE OWNER INTERESTED IN PROTECTION.	CONTROL ACCESS, MONITOR WATER QUALITY.
ROCKY POINT MARL FOREST	H	W	REGISTRY OR ACQUISITION.	NO PROTECTION STATUS	STUDY HYDROLOGY.
ROCKY RIVER-DEEP RIVER AQUATIC HABITAT	H	W	A POSSIBILITY FOR ORW DESIGNATION, BUT WATER QUALITY IS PROBABLY NOT SUITABLE FOR SUCH A DESIGNATION	NO PROTECTION STATUS. POSSIBLE HIGH QUALITY WATER DESIGNATION. PORTIONS CRITICAL HABITAT FOR CAPE FEAR SHINER.	
ROOSEVELT NATURAL AREA	H	W	ACQUISITION AND DEDICATION.	STATE OWNED PORTION REGISTERED NATURAL AREA. PRIVATE TRACTS THREATENED BY DEVELOPMENT.	NONE KNOWN.
SALLY SIMMONS LIMESTONE LEDGE	M		CONTACT OWNERS TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	
SCHULKENS SAVANNA	H	W	ACQUISITION AND DEDICATION.	NO PROTECTION STATUS.	MONITOR HYDROLOGY. FIRE MANAGEMENT.
SCRANTON HARDWOOD FOREST MACROSITE	M	W	LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO FORMAL PROTECTION STATUS	NOT KNOWN.
SCUPPERNONG RIVER SWAMP FOREST MACROSITE	M	W	LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	
SOUTHERN SHORES CYPRESS SWAMP	L	W	REGISTRY.	RESERVED NATURAL AREA BY HOMEOWNERS ASSOCIATION.	NONE KNOWN.
STATE-LINE PRAIRIE BAY	L	W	COMPLETE ACQUISITIION AND MANAGE AS NATURE PRESERVE.	PARTIAL PROTECTION IN NATURE CONSERVANCY PRESERVE. TNC PORTION REGISTERED.	IMPLEMENT FIRE PLAN, MONITOR HYDROLOGY, MONITOR ELEMENTS.
STILL LANE SEEPAGE SLOPES	M	W	STRENGTHEN REGISTRY PROTECTION.	REGISTERED NATURAL AREA.	FIRE MANAGEMENT.
STONE MOUNTAIN PARK NATURAL AREAS	M		COMPLETE ACQUISITION, DEDICATION.	PRIVATELY OWNED MINING RIGHTS THREATEN ROCK OUTCROP.	

NORTH CARLOLINA PRIORITY SITES
T = THREAT: H=HIGH, M=MEDIUM, L=LOW
W = WETLAND

SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
SUGAR MOUNTAIN NATURAL AREA	M	W	ACQUISITION OR OTHER PERMANENT PROTECTION. GOODHILL SITE	NO FORMAL PROTECTION STATUS. TNC NEGOTIATING WITH SYMPATHETIC OWNERS.	MONITOR HYDROLOGY, MONITOR ELEMENTS, POSSIBLE FUTURE NEEDS FOR VEGETATION MANAGEMENT TO SLOW SUCCESSION IN BOGS.
TAR RIVER (EDGECOMBE-FRANKLIN) AQUATIC HABITAT	H	W	RIVER STRETCH LIKELY WILL BE PROPOSED FOR STATE DESIGNATION AS HIGH QUALITY WATER AREA.	NO PROTECTION STATUS	MONITOR WATER QUALITY AND ELEMENTS.
TAR RIVER (GRANVILLE) AQUATIC HABITAT	M	W	RIVER STRETCH LIKELY WILL BE PROPOSED FOR STATE DESIGNATION AS HIGH QUALITY WATER	NO PROTECTION STATUS	MONITOR WATER QUALITY AND ELEMENTS.
TATUM MILL POND-CYPRESS BAY	L	W	DEDICATE.	REGISTERED.	HYDROLOGY, FIRE MANAGEMENT.
TEMPLE ROANOKE RIVER FOREST	M	W	REGISTRY OR MANAGEMENT AGREEMENT.	NO FORMAL PROTECTION STATUS. OWNER DECLINED REGISTRY.	
TOXAWAY RIVER GORGE	M		REGISTRY OR STRONGER PROTECTION OF CRESCENT LAND & TIMBER, CONTACT OTHER LANDOWNERS TO DETERMINE PROTECTION OPTIONS.	TWO SMALL REGISTERED NATURAL AREAS (LOWER TOXAWAY AND ROCK CREEKS). REMAINDER NOT PROTECTED.	FURTHER INVENTORY, MONITOR ELEMENTS, CONTROL ORV USE.
TRYON PEAK NATURAL AREA	H		LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	
US 264 LOW POCOSIN (FLOATING PEAT BOG)	M	W	ACQUISITION AND TRANSFER TO NWR.	INTERIOR PORTION IN DOD DARE BOMBING RANGE IS PART OF REGISTERED NATURAL AREA. MAJORITY UNPROTECTED.	FIRE MANAGEMENT.
WACCAMAW RIVER FLOODPLAIN MACROSITE	H	W	ACQUISITION AND DEDICATION.	NO PROTECTION STATUS.	MONITOR ELEMENTS. FIRE MANAGEMENT.
WALNUT CREEK SUMAC SITE	H		MANAGEMENT AGREEMENTS WITH DOT AND CP&L.	THREATENED BY PROPOSED HIGHWAY WIDENING. NO PROTECTION STATUS.	MONITOR POPULATIONS, MARK POPULATIONS, IMPLEMENT VEGETATION MANAGEMENT AND PROPER SCHEDULING OF ROW MAINTENANCE.
WALTOWER-MOSS FOUNDATION FARM	L	W	REGISTER PROPERTY, POSSIBLY DEDICATE	NONE.	BIOLOGICAL INVENTORY NEEDED, AND INTEGRATE WITH CURRENT MANAGEMENT PLAN.
WHITE OAK MOUNTAIN	H		LANDOWNER CONTACT TO DETERMINE PROTECTION OPTIONS.	NO PROTECTION STATUS	
WHITESIDE MOUNTAIN	H		ACQUIRE PRIVATE PORTIONS.	USFS PORTION REGISTERED NATURAL AREA AND SPECIAL INTEREST AREA. PRIVATE PORTION UNPROTECTED.	

NORTH CAROLINA PRIORITY SITES
T = THREAT: H=HIGH, M=MEDIUM, L=LOW
W = WETLAND

SITE NAME	T	W	CONSERVATION INTENT	PROTECTION STATUS	STEWARDSHIP CONSIDERATIONS
WOODS MOUNTAIN-SINGECAT RIDGE	M		REGISTRY AND SPECIAL INTEREST AREA DESIGNATION.	NO PROTECTION STATUS.	HUDSONIA SUBJECT TO TRAMPLING.

HIGHEST PRIORITY NATURAL HERITAGE SITES PROPOSED FOR PROTECTION ACTION

(SUBSET OF TOTAL NATURAL HERITAGE PRIORITY AREAS)

APRIL, 1989

Based upon an incomplete inventory of North Carolina's special natural areas and a systematic analysis and comparison of the relative rarity, protection status, and quality of individual occurrences of special ecological elements, the Natural Heritage Program has identified approximately 850 natural areas which possess natural features of national, statewide, or regional signficance. Further evaluations by the Natural Heritage Program have identified a subset of 130 of those areas which have national or statewide ecological importance and require some action to assure their long-term protection. The following list indicates those natural areas in North Carolina which are rated as most important for their natural resources and which need some type of action to assure their long-term protection. Not included in this list are those natural areas of similar ecological significance (on basis of being a nationally or statewide significant natural area) but which appear to be already assured of long-term protection and do not now require additional protective action (eg., this list does not include the Great Smoky Mountains National Park, Linville Gorge National Wilderness, certain National Wildlife Refuges with National Wilderness or Research Natural Area designations, State Parks where acquisitions are complete and which are designated National Natural Landmarks, and other highly important natural areas with maximum assurances of long-term protection status). Rather, this list is intended to identify those natural areas possessing resources of greatest importance to the survival of our state's natural heritage, but requiring actions to assure their protection.

Codes are noted for each area on the list which indicate the CS-Current Protection Status and IS-Intended Protection Status (see the following definitions).

0 - No protection: Landowner or land manager unaware of the special-interest natural features, or unsympathetic to their protection.

1 - Landowner/manager has been notified of the natural features and importance of the natural area.

2 - Voluntarily Protected: Landowner/management agency agrees voluntarily to protect the natural features, through a nonbinding agreement (generally by registration as a Natural Heritage Area).

3 - a. Bequest: Landowner wills the tract to a conservation entity.
    b. Right of First Refusal: Landowner grants right of first refusal to purchase the tract to a conservation entity.

4 - Legally binding protection agreement:
    a. Landowner signs a legally binding management agreement.
    b. Landowner signs a lease, license, etc., with a conservation agency.

5 - Landowner conveys an undivided interest in the property to a conservation entity.

6 - Property is publicly owned and has been designated by the managing agency for conservation administration (eg., Federal Research Natural Area, National Wilderness Area, National Wild and Scenic River).

7 - Less than fee acquisition: A conservation entity controls the natural features

through a perpetual legally binding agreement such as a conservation easement.

8 - Fee Title Ownership: A conservation entity holds all rights and manages the property for preservation and has been notified of the natural features.

9 - Dedication: Area dedicated to the State's legally-established nature preserves system.

Also given is the current Threat code: H-High immediately and presently threatened by damage or destruction, M-Medium appearing that at least 10 percent of the area will be damaged or destroyed within the next 10 years, and L-Low appearing to have low probability for serious damage or destruction within the next 10 years.

SITE NAME	CS	IS	TH
ACQUISITION (COMPLETION) AND DEDICATION			
ANTIOCH CHURCH CAROLINA BAY	0/2	8/9	M
BALD HEAD - SMITH ISLAND COMPLEX	0/2	8/9	H
BAT CAVE	2/3/4	8/9	L
BATTERY ISLAND	2/8	8/9	L
BLUFF MOUNTAIN	1/8	8/9	M
BOILING SPRING LAKE - WETLANDS COMPLEX	0	7/8/9	H
BUSHY LAKE CAROLINA BAY	0/2/8	8/9	L
CHOWAN SAND RIDGE	0	8/9	H
CONIOTT CHERRYBARK OAK RIDGE	0	8/9	H
DEVILS GUT SLOUGH - ROANOKE RIVER	1/2	8/9	H
ELLER PRESERVE	0/2/8	8/9	M
EMERALD ISLE WOODS	0/1	8/9	H
ENO RIVER DIABASE SILL	1/2	8/9	H
ETOWAH BOG	1/2	8/9	M
FLAT ROCK CHURCH OUTCROP	0/1	8/9	M
GOOSE POND CAROLINA BAY	2/8	8/9	M
GREAT ISLAND - THOROUGHFARE OF ROANOKE RIVER	0/8/9	8/9	L
HORSESHOE LAKE (SUGGS MILLPOND) CAROLINA BAY COMPLEX	1	8/9	M
JAMES LONGLEAF FLATWOODS	0	8/9	H
JOE - LITTLE JOE MOUNTAINS	1/2/8	8/9	L
KING CREEK BOG	1	8/9	M
KITTY HAWK WOODS	1	8/9	H
LAKE WACCAMAW NATURAL AREA	0/2/8	8/9	H
LANIER QUARRY SAVANNA	0/2/8	8/9	H
LARKSPUR RIDGE	2	8/9	M
LITTLE PETERS CREEK BLUFFS	0	8/9	M
MARTINS ROCK	1	8/9	M
MCINTOSH CAROLINA BAYS	1/2/8	8/9	H
MITCHELL'S MILLPOND - ROLESVILLE OUTCROP NATURAL AREA	1/2/8	8/9	M
MYRTLE HEAD SAVANNA	1	8/9	H
OAK SAVANNA BAY	1/2/8	8/9	L
OCHLAWAHA BOG	1/2/8	8/9	M
OVERTON ROCK	2	4/7	M
PAINT HILL	0/1	8/9	H
ROAN MOUNTAIN MASSIF	1/2/8	6/8/9	M
ROCK HOUSE CAVE	0	8/9	H
ROOSEVELT NATURAL AREA	0/2/8	8/9	H
SCHULKENS SAVANNA	1	8/9	H
STATE-LINE PRAIRIE BAY	1/2/8	8/9	L
STONE MOUNTAIN PARK NATURAL AREAS	0/2/8	8/9	M
SUGAR MOUNTAIN NATURAL AREA	1	8/9	M

SITE NAME	CS	IS	TH
COMBINATION ACQUISITION-DEDICATION-REGISTRY-AND EASEMENTS			
BLACK RIVER CYPRESS FOREST	0/1	2/7/8/9	M
BUXTON WOODS	0/8	2/7/8/9	H
FEDERAL PAPER HARDWOOD FLATS	0	2/7/8/9	H
GRANDFATHER MOUNTAIN MACROSITE	1/2	2/7/8/9	M
HANGING ROCK MOUNTAIN	0/2/7	2/7/8/9	H
NAGS HEAD WOODS	0/1/2/8/9	2/4/7/8/9	M
ORTON POND AND PLANTATION MACROSITE	0	2/4/8/9	H
ROCKY POINT MARL FOREST	0/1	2/7/8/9	H
SCUPPERNONG RIVER SWAMP FOREST MACROSITE	0	2/4/8	M
TOXAWAY RIVER GORGE TRIBUTARIES	0/2	2/8/9	M
WACCAMAW RIVER FLOODPLAIN AND AQUATIC HABITAT MACROSITE	0	2/7/8/9	H
ACQUISITION (COMPLETION) AND MANAGEMENT AGREEMENT (RNA OR SIA DESIGNATION)			
ALLIGATOR RIVER - SWAN LAKE SWAMP FOREST	1/8	6/8	M
CROATAN POCOSINS	0/2/6	6/8	L
GREAT LAKE SWAMP FOREST	0/6/8	6/8	M
HORSEPASTURE RIVER	2/8	6/8	M
ISLAND CREEK	1/2/8	6/8	M
PANTHERTOWN VALLEY	1	6/8	H
PATSY POND COMPLEX	0/2/8	6/8	H
US 264 LOW POCOSIN	0/2	6/8	M
WHITESIDE MOUNTAIN	1/2/8	6/8	H
EASEMENT - MANAGEMENT AGREEMENT			
CURRITUCK CLUB NATURAL AREA	2	4/7	M
LAKE ELLIS SIMON	2	4/7	L
LONG HOPE VALLEY MACROSITE	1	4/7	M
PINEOLA BOG	2	4/7	M

SITE NAME	CS	IS	TH

DEDICATION

SITE NAME	CS	IS	TH
BATTERY ISLAND HERONRY	2/8	8/9	L
BLADEN STATE FOREST MACROSITE			
CHARLIE LONG MILL POND - BIG COLLY BAY	2/8	8/9	L
JOHNSON MILL POND NATURAL AREA	2/8	8/9	L
TATUM MILL POND -CYPRESS BAY	2/8	8/9	L
CAMASSIA SLOPES	2/8	8/9	L
CONINE ISLAND - ROANOKE RIVER	8	8/9	L
DUNAHOE CAROLINA BAY	2/8	8/9	L
FROGSBORO UPLAND DEPRESSION FOREST	8	8/9	M
GREEN SWAMP PRESERVE	2/8	8/9	L
GULL ROCK GAME LAND NATURAL AREA	1/8	8/9	L
HAMMOCKS BEACH PARK NATURAL AREA	2/8	8/9	L
HANGING ROCK PARK NATURAL AREAS	2/8	8/9	L
HOLLY SHELTER GAME LANDS NATURAL AREAS	8	8/9	L
JONES LAKE - SALTERS LAKE STATE PARK NATURAL AREA	2/8	8/9	L
LINVILLE CAVERNS	2	9	L
LOWER CAPE FEAR RIVER BIRD ISLANDS	2/8	8/9	L
MOUNT MITCHELL STATE PARK NATURAL AREA	2/8	8/9	L
PINE ISLAND AUDUBON SANCTUARY	2/8	8/9	L
PRETTY POND CAROLINA BAY	2/8	8/9	L
SANDHILLS GAME LANDS MACROSITE	2/8	8/9	M
BEAVER DAM CREEK - LITTLE MUDDY CREEK			
BOG HOLE			
KINNEY CAMERON CREEK & CORRIDOR			
MILLSTONE CREEK			
STILL LANE SEEPAGE SLOPES			

MANAGEMENT AGREEMENTS AND SIA OR RNA DESIGNATIONS

SITE NAME	CS	IS	TH
ALLIGATOR RIVER SWAMP FOREST	1/2/8	6/8	M
BLACK MOUNTAINS - UPPER BOWLENS CREEK - CELO KNOB	2/6/8	6/8	L
BUCK CREEK OLIVINE BARRENS	1/2/8	6/8	H
FAIRCLOTH ROAD POND PINE POCOSIN	2	6	H
KELSEY NATURAL AREA	2/8	6/8	L
LAKE QACCAMAW AQUATIC HABITAT	1/2	4	H
LITTLE TENNESSEE RIVER AQUATIC HABITAT	1	4	H
MILLIS ROAD LONGLEAF PINE SAVANNA AND POCOSIN	2/8	6/8	L
PEE DEE REFUGE NATURAL AREA	2/8	6/8	M
ROBERDO BOG	2/8	6/8	L
ROCKY RIVER - DEEP RIVER AQUATIC HABITAT	1	4	H
TAR RIVER AQUATIC HABITAT	0	4	H

SITE NAME	CS	IS	TH
REGISTRY OR MANAGEMENT AGREEMENT			
BLACKROCK MOUNTAIN - GRANITE CITY	1	2/6	M
BUTNER DIABASE - SMOOTH CONEFLOWER GLADES	1	2	H
CAMP LEJEUNE MEGASITE	0/2	2/6	M
CATAWBA WILDLIFE CLUB NATURAL AREA	0/2	2	M
CEDAR MOUNTAIN BOG	0	2/4	M
FORT BRAGG MEGASITE	0	2/6	H
MCCAIN NATURAL AREAS	1	2/9	M
MILITARY OCEAN TERMINAL SUNNY POINT	1	2	H
MONKEY ISLAND HERONRY	1	2/4	M
NORRIS CREEK MICHAUX'S SUMAC SITE	1	2/4	M
NORTH FORK WATERSHED	1	2/4	M
NORTH RIVER SWAMP FOREST AND MARSH	1	2/4/7	L
SOUTHERN SHORES CYPRESS SWAMP	1	2/4	L
TEMPLE ROANOKE RIVER FOREST	1	2/4	L
WALNUT CREEK SUMAC SITE	1	2/4	H
WALTHOUR - MOSS FOUNDATION FARM	1	2/4	L
WOODS MOUNTAIN - SINGECAT RIDGE	1	2/6	M
FURTHER PRESERVE DESIGN AND LANDOWNER CONTACT NEEDED TO DETERMINE PROTECTION OPTIONS			
BAT FORK BOG	0	2/8	H
BLACK ANKLE BOG	0	2/8	H
CALLOWAY LONGLEAF TRACT	0	2/8	H
CANE RIVER UPPER WATERSHED	1	2/7/8	M
GOSHEN GABBRO FOREST	0	2/8	M
JUNIPER SPRINGS CHURCH NATURAL AREA	0	2/8	M
LINK (SLOAN) BOG	1	2/8	H
MOSS NECK SAVANNA	0	2/8	H
NEW RIVER LIMESTONE RAVINE	0	2/8	M
PAINT ROCK ROAD AREAS	0/2	2/6/8	M
POTATO HILL - RICH MOUNTAIN BALD	0	2/8	H
SALLY SIMONS LIMESTONE LEDGE	0	2/8	M
SCRANTON HARDWOOD FOREST MEGASITE	0	2/4/8	M
SWIFT CREEK - TAR RIVER FOREST AND AQUATIC HABITATS	0	2/8	M
TRYON PEAK NATURAL AREA	0	2/4/8	H
WHITE OAK MOUNTAIN	0	2/4/8	H

NATURAL AREAS OF THE NORTH CAROLINA PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE) **	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
STATE PARK UNITS						
Boone's Cave	42	---	6/1987		possibly	
Carolina Beach	280	I	5/1980	---		
Cliffs of the Neuse	375	I	6/1979	---	-----	P
Crowders Mountain						
a. Crowders Mountain	315	I	11/1981	---		
b. Kings Pinnacle	?		not reg.	when acquisition complete		
c. Crowders Creek	?		not reg.			
Duke Power	---	---	not reg.	no	-----	
Eno River						
a. Cabelands	65	I	9/1980	---		
b. Pump Station	35	I	9/1980	---		
c. Cabes Ford	5	C	5/1979	---		
Fort Fisher	---	---	not reg.	no	-----	
Fort Macon	350	I	6/1981	---	-----	
Goose Creek	375	I	5/1979	---	yes	D
Hammocks Beach	870	C	5/1980	---	yes	D

** --- dash line indicates insufficient information to support nomination for preserve dedication

NATURAL AREAS OF THE NORTH CA INA PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE)	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
STATE PARK UNITS						
Hanging Rock					yes	
a. Moores Knob cooks Wall	390	I	2/1981	---		
b. Cascades Creek	120	S	2/1981	---		
c. Hanging Rock	55	I				
Jockeys Ridge	218	C	8/1982	---	-----	D
Jones Lake (not including Salters Lake)	790	---	6/1987	yes	yes	
Lake Waccamaw (Land area)	ca.800	---	not reg.	when acquisition complete	yes	P
a. Lakeshore	--					
b. Waccamaw River Swamp	--					
Medoc Mountain						
a. Medoc Mountain	185	I	2/1981	---	-----	
b. Little Fishing Creek Bluff	20	I	2/1981	---	-----	
Merchants Millpond	1,900	C-I	5/1979	---	yes	
a. Millpond		C		---		
b. Lassiter Swamp		I		---		
Morrow Mountain	1,400	C	11/1979	---	-----	

NATURAL AREAS OF THE NORTH CAROLINA PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE)	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
STATE PARK UNITS						
Mount Jefferson	540	I	6/1979	yes		D
Mount Mitchell	1,395	I	11/1981	---		D
Pettigrew	40	I	6/1979	expand when acquisition complete	-----	
Pilot Mountain						
a. Pilot Mtn.	775	C-S	6/1979	---	yes	D
b. Yadkin River Ponds	40	S	2/1980	---		
Raven Rock						
a. Raven Rock	45	I	6/1981	---	possibly	
b. Avents Creek and Cape Fear River Flood Plain	133	C	6/1987			
c. Oak Hickory Uplands Bottomlands	49	C	not reg.			
d. Granite Flatrock	10	I	6/1987			
Singletary Lake (land)	133	I	8/1979	---	-----	

NATURAL AREAS OF THE NORTH CAR A PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE)	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
South Mountains						
a. Bear Oak Area	100	I	2/1980	---	yes	
b. High Shoals Falls	125	I	2/1980	---		
Stone Mountain					yes	D
a. Stone Mtn.	266	I	2/1981	---		
b. Wolf-Cedar	178	I	2/1981	---		
c. Garden Creek	1,285	C	2/1981	---		
Waynesborough	-----	---	not reg.	no	no	
Umstead						
a. Piedmont Beech	60	S	5/1979	---	possibly	D
b. Crabtree-Sycamore Creek Area	440	C	5/1979	---	-----	
c. Upper Crabtree Slopes	85	I	6/1987		-----	
STATE NATURAL AREAS						
Baldhead Island					yes	D
a. Bluff Island	65	I	9/1980	---		
b. Battery Island	55	S	9/1980	---		
c. Est and Bay Beach						
Bushy Lake Carolina Bay	1,008	C-I	8/1979	expand when acquisition	yes	

NATURAL AREAS OF THE NORTH CAROLINA PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE)	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
Chowan Swamp	?	---	not reg.	yes	yes	
Dismal Swamp					yes	
a. White Cedar Area	102	C	9/1980	---		
b. Pocosin Area	770	C	9/1980	---		
c. Fern Area	40	C	9/1980	---		
Hemlock Bluffs	85	I	5/1979	---	yes	
Masonboro Island	ca.100	---	2/1983	---	yes	
Mitchells Mill-Rolesville Outcrop	68	I	5/1979	expand when acquisition complete	yes	
Theodore Roosevelt	265	I	6/1979	---	yes	P
Weymouth Woods	607	I-C	8/1979	---	yes	
* See Salters Lake						
STATE RECREATION AREAS						
Falls lake						
a. B. W. Wells Interpretive Area	44	I	not reg.	yes	-----	

NATURAL AREAS OF THE NORTH CAROL PARKS AND RECREATION SYSTEM
(MARCH, 1988)

PARK NATURAL AREAS	ACRES IN NATURAL AREAS	PARK NATURAL AREA CLASSIFICATION C:CONSERVATION I:INTERPRETIVE S:SCIENTIFIC	DATE REGISTERED AS NATURAL AREA (STATE REGISTRY OF NATURAL HERITAGE AREAS)	PROPOSED FOR REGISTRATION	CANDIDATE FOR PRESERVE DEDICATION (STATE DEDICATED NATURE PRESERVE)	NATIONAL NATURAL LANDMARK (D: DESIGNATED; P: PROPOSED) (NPS PROGRAM)
Jordan lake a. Windfall Branch Oak Slopes	69	C	not reg.	yes	-----	
Kerr Lake	---	---	not reg.		-----	
STATE LAKES						
Bay Tree lake	---	---	not reg.	---	-----	
Lake Phelps	16,000	C	6/1981	---	-----	
Lake Waccamaw	9,000	C	11/1979	---	-----	P
Jones Lake (see State park land area)	---	---	not reg.	---	-----	
*Salters Lake *recommended for reclassification as State Natural Areas	800	C	8/1979	---	yes	
Singletary Lake	---	---	not reg.	---	-----	P
White Lake	---	---	not reg.	---	-----	
STATE RIVERS						
New River	?	---	not reg.	yes	-----	
Horsepasture River	(no State owned land)		partially registered 6/1982	yes		
Linville River	(no State owned land)		----- USFS/NPS 1987	-----		

APPENDICES

NORTH CAROLINA NATURAL HERITAGE ELEMENT LISTS

NATURAL COMMUNITIES

RARE AND ENDANGERED ANIMAL SPECIES

RARE AND ENDANGERED PLANT SPECIES

Introduction to Natural Heritage Element Lists and Ranks

The following appendices consist of lists of the natural community types, animal species, and plant species inventoried and monitored by the N.C. Natural Heritage Program, with their individual state and global element ranks. The process and criteria by which the Natural Heritage Program determines priorities for protection of special natural features are explained on pages 6-10 of this plan. The major criteria used to evaluate individual natural elements are rarity, threats, and protection potential.

The program's element ranking analysis is described on page 8 of this plan. Global and state ranks have been determined for each natural element inventoried by the Natural Heritage Program. The global rarity and protection status of an individual element is determined in concert with other state natural heritage programs and The Nature Conservancy. The in-state rarity statuses of elements are decided by North Carolina program scientists, after review of all records, consultation with other knowledgeable individuals, and systematic analysis according to the standardized process described in this plan.

GLOBAL ELEMENT RANKS:

G1 = Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor of its biology making it especially vulnerable to extinction. [Critically endangered throughout range.]

G2 = Imperiled globally because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of other factors demonstrably making it very vulnerable to extinction throughout its range. [Endangered throughout range.]

G3 = Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g., a single western state, a physiographic region in the east) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 to 100. [Threatened throughout range.]

G4 = Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 = Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GA = Accidental in North America, i.e. not part of the established biota (e.g., European Cuckoo, Yellow-nosed Albatross, many other bird species).

GE = An exotic species established in North America (e.g., Japanese Honeysuckle).

GH = Of historical occurrence throughout its range, i.e. formerly part of the established biota, with the expectation that it may be rediscovered (e.g., Ivory-billed Woodpecker).

GU = Possibly in peril range-wide but status uncertain; need more information. NOTE: This rank should be used sparingly. Whenever possible, assign the most likely rank and add a question mark (e.g., G2?) to express uncertainty or indicate a range (e.g., G1G2, G1G3).

GX = Believed to be extinct throughout range (e.g., Passenger Pigeon).

STATE ELEMENT RANKS:

S1 = Critically imperiled in state because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor of its biology making it especially vulnerable to extirpation from the state. [Critically endangered in state.]

S2 = Imperiled in state because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of other factors demonstrably making it very vulnerable to extirpation from the state. [Endangered in state.]

S3 = Rare in state (on the order of 20+ occurrences). [Threatened in state].

S4 = Apparently secure in state.

S5 = Demonstrably secure in state.

SA = Accidental in state, including species which only sporadically breed in state.

SE = An exotic species established in state; may be native elsewhere in North America (e.g., house finch or catalpa in eastern states).

SH = Of historical occurrence in the state with the expectation that it may be rediscovered.

SU = Possibly in peril in state but status uncertain; need more information. NOTE: This rank should be used sparingly. Whenever possible, assign the most likely rank and add a question mark (e.g., S2?) to express uncertainty or indicate a range (e.g., S1S2).

SX = Apparently extirpated from state.

APPENDIX A. NORTH CAROLINA'S
NATURAL COMMUNITIES

with element ranks

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NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
ATLANTIC WHITE CEDAR FOREST	S2	G2
BASIC MESIC FOREST, COASTAL PLAIN SUBTYPE	S1?	G5T3
BASIC MESIC FOREST, PIEDMONT SUBTYPE	S2	G5T3
BASIC OAK--HICKORY FOREST	S2S3?	G3G4?
BAY FOREST	S3?	G3G4?
BRACKISH MARSH	S5	G5
CANADA HEMLOCK FOREST	S5	G5
CAROLINA HEMLOCK BLUFF	S2	G2G3
CHESTNUT OAK FOREST	S5	G5
CHESTNUT OAK--SCARLET OAK FOREST	S4	G5
COASTAL FRINGE SANDHILL	S1?	
COASTAL PLAIN BOTTOMLAND HARDWOODS, BLACKWATER	S3	G5
COASTAL PLAIN BOTTOMLAND HARDWOODS, BROWNWATER	S4	G5
COASTAL PLAIN LEVEE FOREST, BLACKWATER	S2	G4

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
COASTAL PLAIN LEVEE FOREST, BROWNWATER	S4	G5
COASTAL PLAIN MARL OUTCROP	S1	G2
COASTAL PLAIN SMALL STREAM SWAMP, BLACKWATER	S5	G5
COASTAL PLAIN SMALL STREAM SWAMP, BROWNWATER	S3	G4
COVE FOREST	S4	G5
CYPRESS SAVANNA	S1	G2?
CYPRESS--GUM SWAMP, BLACKWATER	S4	G5
CYPRESS--GUM SWAMP, BROWNWATER	S4	G5
DIABASE GLADE	S1	G1
DRY OAK--HICKORY FOREST	S5	G5
DRY-MESIC OAK--HICKORY FOREST	S5	G5
DUNE GRASS	S3	G3G4
FLOODPLAIN POOL	S1	
FRASER FIR FOREST	S1	G1
GRANITIC FLATROCK	S2	G3

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
GRASSY BALD	S2	G2
HEATH BALD	S3	G4
HIGH ELEVATION GRANITIC DOME	S2	G2
HIGH ELEVATION RED OAK FOREST	S5	G5
HIGH ELEVATION ROCKY SUMMIT	S2	G2
HIGH ELEVATION SEEP	S3	G3
HIGH POCOSIN	S4	G4
HILLSIDE SEEPAGE BOG	S1	G1
INTERDUNE POND	S1	G3
LOW ELEVATION GRANITIC DOME	S1	G2
LOW ELEVATION ROCKY SUMMIT	S2	G3
LOW ELEVATION SEEP		
LOW POCOSIN	S3	G3
MAFIC BEDROCK GLADE	S1	G1
MARITIME DRY GRASSLAND	S2	G3

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
MARITIME FOREST	S1	G2
MARITIME MESOPHYTIC FOREST	S1	G1
MARITIME SHRUB	S3	G4
MARITIME SWAMP FOREST	S1	G1
MARITIME WET GRASSLAND	S2?	G3?
MARSH-BOG COMPLEX	S1	G2
MESIC MIXED HARDWOODS FOREST, COASTAL PLAIN SUBTYP	S3	G5T4
MESIC MIXED HARDWOODS FOREST, PIEDMONT SUBTYPE	S4	G5T5
MONTANE ACIDIC CLIFF		
MONTANE CALCAREOUS CLIFF		
MONTANE MAFIC CLIFF		
MONTANE OAK--HICKORY FOREST		
MONTANE WHITE OAK FOREST	S2?	G2G3?
MONTMORILLONITE FOREST	S3	G3G4
NATURAL LAKE SHORELINE	S3	G3

scientific and common name	state rank	glob rank
NONRIVERINE SWAMP FOREST	S2	G2
NONRIVERINE WET HARDWOOD FOREST	S1	G1
NORTHERN HARDWOODS FOREST	S4	G5
NORTHERN HARDWOODS FOREST, BEECH GAP SUBTYPE		
NORTHERN HARDWOODS FOREST, BOULDERFIELD SUBTYPE		
OXBOW LAKE	S3?	G5
PIEDMONT MAFIC CLIFF		
PIEDMONT/COASTAL PLAIN ACIDIC CLIFF		
PIEDMONT/COASTAL PLAIN HEATH BLUFF		
PIEDMONT/MOUNTAIN ALLUVIAL FOREST	S5	G5
PIEDMONT/MOUNTAIN BOTTOMLAND FOREST	S4	G5
PIEDMONT/MOUNTAIN LEVEE FOREST	S4	G5
PIEDMONT/MOUNTAIN SEMIPERMANENT IMPOUNDMENT		
PIEDMONT/MOUNTAIN SWAMP FOREST	S1	G2G3
PINE / SCRUB OAK SANDHILL	S3	G4

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
PINE FLATWOODS	S4	G5
PINE SAVANNA	S2	G3
PINE--OAK / HEATH	S4	G5
POND PINE WOODLAND	S4	G4G5
RED SPRUCE FOREST	S3	G3
RED SPRUCE--FRASER FIR FOREST	S1	G1
ROCKY BAR AND SHORE	S5	G5
SALT FLAT	S4	G5
SALT MARSH	S5	G5
SALT SHRUB	S4	G5
SAND AND MUD BAR	S5	G5
SEEPAGE POCOSIN	S1?	G2
SEMIPERMANENT IMPOUNDMENT	S3	G5
SMALL DEPRESSION POCOSIN	S1	G2?
SMALL DEPRESSION POND	S2	G3

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state rank	glob rank
SOUTHERN APPALACHIAN BOG	S1	G1
SOUTHERN APPALACHIAN FEN	S1	G1
SPRAY CLIFF	S1	G1
STREAMHEAD POCOSIN	S3	G4
SWAMP FOREST-BOG COMPLEX	S1	G2
TIDAL CYPRESS--GUM SWAMP	S2?	G3
TIDAL FRESHWATER MARSH	S2?	G4
ULTRAMAFIC OUTCROP BARREN	S1	G1
UPLAND DEPRESSION SWAMP FOREST	S2	G3
UPLAND POOL	S1	G1
VERNAL POOL	S2	G3
WET MARL FOREST	S1	G1?
WHITE PINE FOREST	S2?	GU
WIND FOREST	S3	G3
XERIC SANDHILL SCRUB	S4	G5

APPENDIX B. NORTH CAROLINA'S RARE AND ENDANGERED ANIMAL SPECIES with element ranks

NORTH CAROLINA NATURAL HERITAGE PROGRAM

ANIMAL LIST

March 1989

MAMMALS

scientific and common name	state stat	fed stat	state rank	glob rank
CANIS RUFUS RED WOLF	E	LE	S1*	G1*
CONDYLURA CRISTATA STAR-NOSED MOLE [Coastal Plain population is SC; mountain population not of concern]	SC	3C	S4	G5
FELIS CONCOLOR PANTHER (MOUNTAIN LION)	E	LE	SH	G4
GLAUCOMYS SABRINUS COLORATUS NORTHERN FLYING SQUIRREL	E	LE	S1	G5T1
MICROTUS CHROTORRHINUS ROCK VOLE	SC	C2	S2	G5
MYOTIS AUSTRORIPARIUS SOUTHEASTERN BAT	SC	C2	S2	G4?
MYOTIS GRISESCENS GRAY BAT	E	LE	SA	G2
MYOTIS LEIBII EASTERN SMALL-FOOTED BAT	SC	C2	S1	G3
MYOTIS SEPTENTRIONALIS NORTHERN LONG-EARED BAT	SC		S2	G5
MYOTIS SODALIS INDIANA BAT	E	LE	S1	G2
NEOTOMA FLORIDANA EASTERN WOODRAT [mountain races]	SC	C2	S2	G5
NEOTOMA FLORIDANA FLORIDANA EASTERN WOODRAT [Coastal Plain race]	T		S1	G5TU

* Re-introduction, at Alligator River NWR, NC

scientific and common name	state stat	fed stat	state rank	glob rank
PEROMYSCUS POLIONOTUS OLD-FIELD MOUSE	SR		S1	G5
PLECOTUS RAFINESQUII RAFINESQUE'S BIG-EARED BAT	SC	C2	S3	G4
PLECOTUS TOWNSENDII VIRGINIANUS VIRGINIA BIG-EARED BAT	E	LE	S1	G5T2
SCIURUS NIGER FOX SQUIRREL	SC		S3	G5
SOREX DISPAR LONG-TAILED SHREW	SC	C2	S2	G5
SOREX HOYI PYGMY SHREW	SC	C2	S1	G5
SOREX LONGIROSTRIS FISHERI DISMAL SWAMP SOUTHEASTERN SHREW	T	LT	S1	G5T1T3
SOREX PALUSTRIS WATER SHREW	SC	C2	S1	G5
SYLVILAGUS AQUATICUS SWAMP RABBIT	UNK		SH	G5
SYLVILAGUS TRANSITIONALIS NEW ENGLAND COTTONTAIL	UNK	C2	S3	G4
TADARIDA BRASILIENSIS BRAZILIAN FREE-TAILED BAT	SC		S2	G4
TRICHECHUS MANATUS FLORIDA MANATEE	E	LE	S1	G2?
URSUS AMERICANUS BLACK BEAR	SC		S3	G5

BIRDS

scientific and common name	state stat	fed stat	state rank	glob rank
ACCIPITER COOPERII COOPER'S HAWK [breeding evidence only]	T		S2	G4
ACCIPITER STRIATUS SHARP-SHINNED HAWK [breeding evidence only]	SR		S2	G5
AEGOLIUS ACADICUS NORTHERN SAW-WHET OWL [breeding season only]	T		S2	G5
AIMOPHILA AESTIVALIS BACHMAN'S SPARROW [breeding season only]	T	C2	S3	G3
AMMODRAMUS HENSLOWII HENSLOW'S SPARROW [breeding season only]	SR		S2	G4
ANHINGA ANHINGA ANHINGA [breeding evidence only]	SR		S2	G5
AQUILA CHRYSAETOS GOLDEN EAGLE [regular wintering or summering sites]	SR		S1	G4
BOTAURUS LENTIGINOSUS AMERICAN BITTERN [breeding season only]	SR		S1	G4
CATHARUS GUTTATUS HERMIT THRUSH [breeding season only]	SR		S1	G5
CHARADRIUS MELODUS PIPING PLOVER [breeding evidence only]	T	LT	S2	G2
CHONDESTES GRAMMACUS LARK SPARROW [breeding season only]	SR		S1	G5
CIRCUS CYANEUS NORTHERN HARRIER [breeding evidence only]	SR		S1	G5

scientific and common name	state stat	fed stat	state rank	glob rank
COCCYZUS ERYTHROPTHALMUS BLACK-BILLED CUCKOO [breeding season and habitat only]	SR		S2	G5
COLUMBINA PASSERINA COMMON GROUND-DOVE [breeding season only]	SR		S1	G5
CONTOPUS BOREALIS OLIVE-SIDED FLYCATCHER [breeding season only]	T		S1	G5
CORAGYPS ATRATUS BLACK VULTURE [not tracking]	T		S3	G5
CORVUS CORAX COMMON RAVEN [breeding evidence only]	SR		S3	G5
COTURNICOPS NOVEBORACENSIS YELLOW RAIL [winter season only]	UNK		S3	G4
DENDROICA CERULEA CERULEAN WARBLER [breeding season only]	SR		S3	G5
DENDROICA MAGNOLIA MAGNOLIA WARBLER [breeding season only]	SR		S1	G5
EMPIDONAX ALNORUM ALDER FLYCATCHER [breeding season only]	SR		S2	G5
FALCO PEREGRINUS PEREGRINE FALCON [regular wintering sites; nesting evidence]	E	LE	S1	G3
HALIAEETUS LEUCOCEPHALUS BALD EAGLE [regular non-breeding sites; nesting evidence]	E	LE	S1	G3
HIMANTOPUS MEXICANUS BLACK-NECKED STILT [breeding sites only]	SR		S2	G5

scientific and common name	state stat	fed stat	state rank	glob rank
ICTINIA MISSISSIPPIENSIS MISSISSIPPI KITE [regular summer locations only]	SR		S1	G5
LANIUS LUDOVICIANUS LOGGERHEAD SHRIKE [not tracking]	T	C2	S2	G4
LATERALLUS JAMAICENSIS BLACK RAIL [breeding season only]	SR		S3	G3
MYCTERIA AMERICANA WOOD STORK [regular non-breeding sites]	E	LE	S1	G5
PARUS ATRICAPILLUS BLACK-CAPPED CHICKADEE [breeding season only]	T		S3	G5
PASSERCULUS SANDWICHENSIS SAVANNAH SPARROW [breeding season only]	SR		S1	G5
PELECANUS OCCIDENTALIS BROWN PELICAN [breeding sites only]	SC		S3	G5
PHALACROCORAX AURITUS FLORIDANUS DOUBLE-CRESTED CORMORANT [breeding sites only]	SR		S1	G5TU
PICOIDES BOREALIS RED-COCKADED WOODPECKER [breeding evidence only]	E	LE	S2	G2
PLEGADIS FALCINELLUS GLOSSY IBIS [not tracking]	T		S2	G5
PORPHYRULA MARTINICA PURPLE GALLINULE [breeding sites only]	SR		S1	G5
REGULUS SATRAPA GOLDEN-CROWNED KINGLET [not tracking]	T		S3	G5
RIPARIA RIPARIA BANK SWALLOW [breeding sites only]	SR		SH	G5

scientific and common name	state stat	fed stat	state rank	glob rank
SPHYRAPICUS VARIUS YELLOW-BELLIED SAPSUCKER [breeding season only]	SR		S2	G5
STERNA CASPIA CASPIAN TERN [breeding sites only]	SR		S1	G5
STERNA DOUGALLII ROSEATE TERN [breeding evidence only]	E	LE	S1	G3
THRYOMANES BEWICKII BEWICK'S WREN [breeding season only]	T	C1	SH	G5
VERMIVORA PINUS BLUE-WINGED WARBLER [breeding season only]	SR		S2	G5
VIREO GILVUS WARBLING VIREO [breeding season only]	SR		S2	G5

REPTILES

scientific and common name	state stat	fed stat	state rank	glob rank
ALLIGATOR MISSISSIPPIENSIS AMERICAN ALLIGATOR	E	T(S/A)	S3	G5
APALONE SPINIFERA SPINIFERA EASTERN SPINY SOFTSHELL	UNK		S1	G5T?
CARETTA CARETTA LOGGERHEAD	E	LT	S2	G3
CHELONIA MYDAS GREEN TURTLE	E	LT	S1	G3
CLEMMYS MUHLENBERGII BOG TURTLE	T	C2	S3	G4
CROTALUS ADAMANTEUS EASTERN DIAMONDBACK RATTLESNAKE	E		S1	G5
DERMOCHELYS CORIACEA LEATHERBACK	E	LE	SN	G3
ERETMOCHELYS IMBRICATA HAWKSBILL	E	LE	SN	G3?
EUMECES ANTHRACINUS COAL SKINK	SC		S3	G5
LAMPROPELTIS GETULUS STICTICEPS OUTER BANKS KINGSNAKE	SC		S3?	G5TU
LEPIDOCHELYS KEMPI RIDLEY	E	LE	SN	G1
MICRURUS FULVIUS EASTERN CORAL SNAKE	SC		S1	G5
NERODIA SIPEDON WILLIAMENGELSI CAROLINA SALT MARSH SNAKE	UNK		S3	G5T?
OPHEODRYS VERNALIS SMOOTH GREEN SNAKE	UNK		SH	G5
OPHISAURUS MIMICUS MIMIC GLASS LIZARD	UNK		S2	

Note: T(S/A) = "Threatened due to Similarity of Appearance"

scientific and common name	state stat	fed stat	state rank	glob rank
PITUOPHIS MELANOLEUCUS PINE SNAKE	UNK	C2	S3	G5
STERNOTHERUS MINOR LOGGERHEAD MUSK TURTLE	UNK		S1	G5

AMPHIBIANS

scientific and common name	state stat	fed stat	state rank	glob rank
AMBYSTOMA TALPOIDEUM MOLE SALAMANDER	SC		S2	G5
AMBYSTOMA TIGRINUM TIGER SALAMANDER	UNK		S2	G5
ANEIDES AENEUS GREEN SALAMANDER	SC	C2	S1	G3?
CRYPTOBRANCHUS ALLEGANIENSIS HELLBENDER	SC	C2	S3	G4
DESMOGNATHUS SANTEETLAH SANTEETLAH DUSKY SALAMANDER	UNK		S2S3	G3Q
EURYCEA JUNALUSKA JUNALUSKA SALAMANDER	UNK	C2	S2	G2
EURYCEA LONGICAUDA LONGICAUDA LONGTAIL SALAMANDER	SC		S2	G5T?
HEMIDACTYLIUM SCUTATUM FOUR-TOED SALAMANDER	UNK		S3	G5
HYLA ANDERSONII PINE BARRENS TREEFROG	T	3C	S3	G4
NECTURUS LEWISI NEUSE RIVER WATERDOG	SC	3C	S3	G3
NECTURUS MACULOSUS COMMON MUDPUPPY	UNK		S1	G5
PLETHODON AUREOLUS TELLICO SALAMANDER	UNK		S2	G2G3Q
PLETHODON DORSALIS ZIGZAG SALAMANDER	UNK		S1	G5Q
PLETHODON LONGICRUS CREVICE SALAMANDER	T		S1	G1Q
PLETHODON WEHRLEI WEHRLE'S SALAMANDER	UNK		S1	G5
PLETHODON WELLERI WELLER'S SALAMANDER	SC		S2	G4

scientific and common name	state stat	fed stat	state rank	glob rank
PSEUDACRIS BRACHYPHONA MOUNTAIN CHORUS FROG	UNK		S1	G5
RANA AREOLATA CRAWFISH FROG	SC	C2	S2	G4
RANA HECKSCHERI RIVER FROG	UNK		S1	G5

FISHES

scientific and common name	state stat	fed stat	state rank	glob rank
ACIPENSER BREVIROSTRUM SHORTNOSE STURGEON	E	LE	S1	G3
ACIPENSER FULVESCENS LAKE STURGEON	EX	C2	SX	G3
AGNOSTOMUS MONTICOLA MOUNTAIN MULLET	UNK		S1	G5
AMBLOPLITES CAVIFRONS ROANOKE BASS	SC		S3	G3
APLODINOTUS GRUNNIENS FRESHWATER DRUM	UNK		S2	G5
BLENNIUS MARMOREUS SEAWEED BLENNY	SC		S?	GU
CARPIODES CARPIO RIVER CARPSUCKER	SC		S1	G5
COTTUS CAROLINAE BANDED SCULPIN	UNK		S1	G5
ELASSOMA BOEHLKEI CAROLINA PYGMY SUNFISH	UNK	C2	S1S2	G1G2
ELEOTRIS PISONIS SPINYCHEEK SLEEPER	SC		S?	G5
ETHEOSTOMA ACUTICEPS SHARPHEAD DARTER	E	3C	S1	G3G4
ETHEOSTOMA COLLIS CAROLINA DARTER	SC		S3	G3
ETHEOSTOMA INSCRIPTUM TURQUOISE DARTER	SC		S1	G4
ETHEOSTOMA JESSIAE BLUESIDE DARTER	E		S1	G4Q
ETHEOSTOMA MARIAE PINEWOODS DARTER	SC	C2	S3	G3
ETHEOSTOMA PERLONGUM WACCAMAW DARTER	E	3B	S1	G1Q
ETHEOSTOMA PODOSTEMONE RIVERWEED DARTER	SC		S3	G3

scientific and common name	state stat	fed stat	state rank	glob rank
ETHEOSTOMA SANGUIFLUUM SPOTTED DARTER	SC		S3	G4
ETHEOSTOMA SIMOTERUM TENNESSEE SNUBNOSE DARTER	EX		SH	G5
EVORTHODUS LYRICUS LYRE GOBY	SC		S?	GU
EXOGLOSSUM MAXILLINGUA CUTLIPS MINNOW	T		S1	G5
FUNDULUS CONFLUENTUS MARSH KILLIFISH	SC		S2?	G5?
FUNDULUS LUCIAE SPOTFIN KILLIFISH	SC		S2?	G4?
FUNDULUS WACCAMENSIS WACCAMAW KILLIFISH	E	C2	S1	G1
HETERANDRIA FORMOSA LEAST KILLIFISH	UNK		S2	G5
HIODON TERGISUS MOONEYE	E		S2	G5
HYBOPSIS MONACHA SPOTFIN CHUB	T	LT	S1	G2
HYBOPSIS RUBRIFRONS ROSYFACE CHUB	SC		S1	G4
HYBOPSIS ZANEMA SANTEE CHUB	SC		S3	G3?
HYBOPSIS, NEW SPECIES THINLIP CHUB	SC		S2	G2
HYPSOBLENNIUS IONTHAS FRECKLED BLENNY	SC		S?	GU
LAMPETRA AEPYPTERA LEAST BROOK LAMPREY	SC		S2	G5
LAMPETRA APPENDIX AMERICAN BROOK LAMPREY	UNK		S1	G5
LUCANIA GOODEI BLUEFIN KILLIFISH	UNK		S1	G5

scientific and common name	state stat	fed stat	state rank	glob rank
MENIDIA EXTENSA WACCAMAW SILVERSIDE	E	LT	S1	G1
MOXOSTOMA ARIOMMUM BIGEYE JUMPROCK	T		S2	G2
MOXOSTOMA HAMILTONI RUSTYSIDE SUCKER	E	3C	S1	G2
NOTROPIS BIFRENATUS BRIDLE SHINER	E		SH	G5
NOTROPIS CHRYSOCEPHALUS STRIPED SHINER	UNK		S1	G5
NOTROPIS MEKISTOCHOLAS CAPE FEAR SHINER	T	LE	S1	G1
NOTURUS ELEUTHERUS MOUNTAIN MADTOM	EX		SH	G5
NOTURUS FLAVUS STONECAT	UNK		S1	G5
NOTURUS FURIOSUS CAROLINA MADTOM	SC	3C	S3	G3
NOTURUS GILBERTI ORANGEFIN MADTOM	T	C2	S1	G2
NOTURUS, NEW SPECIES (SP 2) BROADTAIL MADTOM	SC		S2	G1G2
PERCINA BURTONI BLOTCHSIDE DARTER	E		S1	G2
PERCINA CAPRODES LOGPERCH	T		S2	G5
PERCINA MACROCEPHALA LONGHEAD DARTER	E	C2	SH	G3
PERCINA OXYRHYNCHA SHARPNOSE DARTER	SC		S1	G4
PERCINA SCIERA DUSKY DARTER	T		S1	G5
PERCINA SQUAMATA OLIVE DARTER	SC	C2	S3	G3

scientific and common name	state stat	fed stat	state rank	glob rank
POLYODON SPATHULA PADDLEFISH	E	3C	S1	G4
SEMOTILUS LUMBEE SANDHILLS CHUB	SC	C2	S3	G3
STIZOSTEDION CANADENSE SAUGER	UNK		S2	G5

MOLLUSKS

(M = Marine species)

scientific and common name	state stat	fed stat	state rank	glob rank
ALASMIDONTA HETERODON ANCIENT FLOATER	E	C1	S1	G1
ALASMIDONTA RAVENELIANA APPALACHIAN ELKTOE	E	C2	S1?	GH
ALASMIDONTA TRIANGULATA TRIANGLE FLOATER	UNK		SR	G2Q
ALASMIDONTA VARICOSA BROOK FLOATER	SC		S3?	G3
AMNICOLA SPECIES WACCAMAW SNAIL	SC		S2	G?
ANGUISPIRA MORDAX MOUNT MITCHELL SNAIL	UNK		SH?	G4
ANODONTA COUPERIANA BARREL FLOATER	SC		S1?	G3
ANODONTA IMPLICATA ALEWIFE FLOATER	SC		S2?	G5
ARGOPECTEN GIBBUS (M) ATLANTIC CALICO SCALLOP	SC			G?
BUSYCON CANALICULATUS (M) CHANNELED WHELK	SC			G?
BUSYCON CARICA (M) KNOBBED WHELK	SC			G?
BUSYCON CONTRARIUM (M) LIGHTNING WHELK	SC			G?
CINCINNATIA SPECIES A HYDROBID SNAIL	SC		S2	G?
DETRACIA CLARKI (M) CLARK'S MELAMPUS	SC			G?
ELLIPTIO FOLLICULATA WACCAMAW LANCE	SC		S2	G3
ELLIPTIO JUDITHAE A BIVALVE	T		S1	G?

scientific and common name	state stat	fed stat	state rank	glob rank
ELLIPTIO LANCEOLATA YELLOW LANCE	SC		S3	G4
ELLIPTIO MARSUPIOBESA CAPE FEAR SPIKE	T	C2	S1?	G2
ELLIPTIO SP B FILE SPIKE	UNK		S?	G?
ELLIPTIO STEINSTANSANA TAR RIVER SPINY MUSSEL	E	LE	S1	G1
ELLIPTIO WACCAMAWENSIS WACCAMAW SPIKE	SC	C2	S1	G1
FUSCONAIA MASONI ATLANTIC PIGTOE	T		S2	G3
HELISOMA EUCOSMIUM GREENFIELD RAMSHORN	E	C2	SH	GH
LAMPSILIS FULLERKATI WACCAMAW MUCKET	T		S1	G1
LEPTODEA OCHRACEA TIDEWATER MUCKET	SC		S2	G4
LEPTOXIS DILATATA KANAWHA RIVERSNAIL	UNK		SU	G?
LIGUMIA NASUTA EASTERN PONDMUSSEL	SC		S1?	G4
LIOPLAX SUBCARINATA WACCAMAW SCAVENGER	SC		S2	G?
MESODON CLARKI NANTAHALA NOONDAY HELIX	T	LT	S1	G?
MESODON JONESIANUS NEWFOUND GAP HELIX	T	3C	S1?	G?
MESODON ORESTES AVENGER HELIX	T		S1?	G?
NERITINA USNEA (M) OLIVE NERITE	SC			G?
PANOPEA BITRUNCATA (M) ATLANTIC GEODUCK	SC			G?

scientific and common name	state stat	fed stat	state rank	glob rank
PARAMYA SUBOVATA (M) SUBOVATE SOFT CLAM	SC			G?
PEGIAS FABULA LITTLE-WING PEARLYMUSSEL	EX	PE	SR	G1
PLANORBELLA MAGNIFICA CAPE FEAR RAMSHORN	E	C2	S1	G1
SOMATOGYRUS SP A A HYDROBID SNAIL	SC			G?
TOXOLASMA PULLUS SAVANNAH SHOREMUSSEL	SC	C2	S2	G3
TRIODOPSIS SOELNERI WACCAMAW HELIX	SC		S2?	G?
VILLOSA CONSTRICTA NOTCHED RAINBOW	SC		S3	G3

ARACHNIDS

scientific and common name	state stat	fed stat	state rank	glob rank
IVESIA CAROLINENSIS LINVILLE CAVERNS SPIDER	SC			G?
MICROHEXURA MONTIVAGA NORTH CAROLINA FUNNELWEB TARANTULA	SC			G?
VAEJOVIS CAROLINIANUS CAROLINA SCORPION	SC			G?

CRUSTACEANS

CAECIDOTEA CAROLINENSIS NORTH CAROLINA CAVE ISOPOD	SC			G?
CAMBARUS CATAGIUS GREENSBORO BURROWING CRAYFISH	T	C2		G1G3
CAMBARUS REBURRUS FRENCH BROAD STREAM CRAYFISH	SC			G?
MIKTONISCUS ALABAMENSIS SMALL ALABAMA SOWBUG	SC			G?
ORCONECTES VIRGINIENSIS CHOWAN RIVER CRAYFISH	SC			G?
PROCAMBARUS ANCYLUS A CRAYFISH	SC			G?
PROCAMBARUS LEPIDODACTYLUS PEE DEE LOTIC CRAYFISH	T	C2		G1G3
PROCAMBARUS MEDIALIS A CRAYFISH	SC			G?
PROCAMBARUS PEARSEI A CRAYFISH	SC			G?
PROCAMBARUS PLUMIMANUS A CRAYFISH	SC			G?
STYGOBROMUS CAROLINENSIS CAROLINA SEEP SCUD	SC			G?
STYGOBROMUS SP B AN AMPHIPOD	SC			G?

MILLIPEDES

scientific and common name	state stat	fed stat	state rank	glob rank
BORARIA DETURKIANA A MILLIPEDE	T			G?
CLEIDOGONO TALLAPOOSA A MILLIPEDE	SC			G?
CROATANIA CATAWBA A MILLIPEDE	T			G?
DELTOTARIA LEA A MILLIPEDE	SC			G?
DIXIORIA DACTYLIFERA A MILLIPEDE	SC			G?
DYNORIA ICANA A MILLIPEDE	SC			G?
ERDELYIA SAUCRA A MILLIPEDE	SC			G?
PACHYDESMUS CRASSICUTUS INCURSUS A MILLIPEDE	E			G?
SCOTERPES SPECIES A MILLIPEDE	SC			G?

INSECTS -- DRAGONFLIES

TACHOPTERYX THOREYI THOREY'S GRAYBACK DAMSELFLY	SC			G4

INSECTS -- FLIES

BRACHYPANORPA CAROLINENSIS SHORT-NOSED SCORPIONFLY	SC			G?
MEROPE TUBER AN EARWIGFLY	SC			G1

INSECTS -- BUTTERFLIES

scientific and common name	state stat	fed stat	state rank	glob rank
AMBLYSCIRTES ALTERNATA LEAST FLORIDA SKIPPER	SR		S2	G3G4
AMBLYSCIRTES HEGON PEPPER AND SALT SKIPPER	UNK		S2?	G5
AMBLYSCIRTES REVERSA REVERSED ROADSIDE SKIPPER	SR		S2	G4
AMBLYSCIRTES VIALIS ROADSIDE SKIPPER	UNK		S3?	G5
ASTEROCAMPA CLYTON TAWNY EMPEROR	UNK		S1?	G5
ATRYTONE AROGOS AROGOS SKIPPER	SR		S1	G4
ATRYTONOPSIS HIANNA DUSTED SKIPPER	UNK		S3?	G4
ATRYTONOPSIS LOAMMI SOUTHERN DUSTED SKIPPER	SR		S1	G?
ATRYTONOPSIS SP. A UNDESCRIBED SPECIES	SR			
AUTOCHTON CELLUS GOLD-BANDED SKIPPER	UNK		S2?	G4
BOLORIA (CLOSSIANA) BELLONA MEADOW FRITILLARY	SR		S2	G5
CALEPHELIS VIRGINIENSIS LITTLE METALMARK	UNK		S2?	G4
CELASTRINA EBENINA DUSKY BLUE	SR		S1	G4
CELASTRINA NEGLECTAMAJOR APPALACHIAN BLUE	SR		S1	G4
ENODIA ANTHEDON NORTHERN PEARLY EYE	UNK		S1?	G5
ERORA LAETA EARLY HAIRSTREAK	SR		S1	G4
ERYNNIS BAPTISIAE WILD INDIGO DUSKY WING	UNK		S2?	G5

scientific and common name	state stat	fed stat	state rank	glob rank
ERYNNIS MARTIALIS MOTTLED DUSKY WING	UNK		S3?	G4
EUPHYDRYAS PHAETON BALTIMORE	SR		S1	G4
EUPHYES BERRYI BERRY'S SKIPPER	SR		S1	G3G4
EUPHYES BIMACULA TWO-SPOTTED SKIPPER	SR		S1	G4
EUPHYES DION DION SKIPPER	UNK		S2?	G4
EUPHYES DUKESI DUKE'S SKIPPER	SR		S1	G3G4
FIXSENIA FAVONIUS SOUTHERN HAIRSTREAK	SR		S1	G4
FIXSENIA ONTARIO NORTHERN HAIRSTREAK	UNK		S3?	G4
GLAUCOPSYCHE LYGDAMUS SILVERY BLUE	SR		S1	G5
HESPERIA ATTALUS DOTTED SKIPPER	SR		S2	G4
HESPERIA LEONARDUS LEONARD'S SKIPPER	UNK		S2?	G4
HESPERIA MESKEI MESKE'S SKIPPER	SR		S1	G?
HESPERIA METEA COBWEB SKIPPER	UNK		S2?	G4G5
HESPERIA SASSACUS INDIAN SKIPPER	SR		S1	G5
INCISALIA AUGUSTUS BROWN ELFIN	UNK		S3?	G5
MEGATHYMUS YUCCAE GIANT YUCCA SKIPPER	UNK		S2?	G4
MITOURA HESSELI HESSEL'S HAIRSTREAK	SR	3C	S2	G3G4

scientific and common name	state stat	fed stat	state rank	glob rank
NEONYMPHA MITCHELLII MITCHELL'S SATYR	SR	C2	S1	G2
OLIGORIA MACULATA TWIN SPOT SKIPPER	UNK		S2?	G?
PHYCIODES BATESII TAWNY CRESCENT	SR	C2	S1	G3G4
PHYCIODES PASCOENSIS NORTHERN PEARL CRESCENT	SR		S1	G5
PHYCIODES PHAON PHAON CRESCENT	UNK		S2?	G5
PIERIS VIRGINIENSIS WEST VIRGINIA WHITE	UNK		S2?	G4
POANES AARONI AARON'S SKIPPER	SR		S1	G4
POANES VIATOR BROAD-WINGED SKIPPER	UNK		S3?	G5
POLITES MYSTIC LONG DASH	SR		SR	G5
POLYGONIA FAUNUS GREEN COMMA	UNK		S3?	G5
POLYGONIA PROGNE GRAY COMMA	SR		S1	G5
PROBLEMA BULENTA RARE SKIPPER	SR	C2	S1	G2
PROBLEMA BYSSUS BYSSUS SKIPPER	UNK		S1?	G?
PYRGUS CENTAUREAE WYANDOT GRIZZLED SKIPPER	SR		S1	G3
SATYRIUM CARYAEVORUM HICKORY HAIRSTREAK	SR		S1	G4
SATYRIUM EDWARDSII EDWARDS' HAIRSTREAK	UNK		S2?	G4
SATYRIUM KINGI KING'S HAIRSTREAK	SR		S2S3	G3G4

scientific and common name	state stat	fed stat	state rank	glob rank
SPEYERIA DIANA DIANA	SC		S3	G3
SPEYERIA IDALIA REGAL FRITILLARY	SR	C2	S1	G3
INSECTS -- BEETLES				
ADELOPSIS MITCHELLENSIS A SMALL CARRION BEETLE	SC			G?
AGATHIDIUM SP 1 A ROUND FUNGUS BEETLE	SC			G?
AGLENUS BRUNNEUS A CYLINDRICAL BARK BEETLE	UNK			G?
AGONUM GRACILENTUM A GROUND BEETLE	UNK			G?
ANILLINUS CAROLINAE A GROUND BEETLE	SC			G?
ANILLINUS SP 2 A GROUND BEETLE (from NC, sp B)	SC			G?
ANILLINUS SP 4 A CARABID BEETLE (from NC, sp D)	SC			G?
ANILLINUS SP A A GROUND BEETLE	T			G?
ARIANOPS ALTICOLA A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS BARBATA A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS COWEETI A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS FOVEALIS A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS GIGANTEA A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS LAMINATA A SHORT-WINGED MOLD BEETLE	SC			G?

scientific and common name	state stat	fed stat	state rank	glob rank
ARIANOPS NANTAHALAE JOANNA A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS NANTAHALAE NANTAHALAE A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS NODOSA A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS NORITHE A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS PARKI A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS PLECTROPS A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS SPINICOLLIS A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS TEYAHALEE A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS THORNEI A SHORT-WINGED MOLD BEETLE	SC			G?
ARIANOPS UNICOI A SHORT-WINGED MOLD BEETLE	SC			G?
CICINDELA ANCOCISCONENSIS TIGER BEETLE	SC			G?
CTENISIS SP A A SHORT-WINGED MOLD BEETLE	UNK			G?
HETAERIUS SP A HISTER BEETLE	UNK			G?
LATHROBIUM SHERMANI A ROVE BEETLE	SC			G?
LICHNANTHE VULPINA A SCARAB BEETLE	UNK			G?
LIMULODES PARADOXUS HORSE-SHOE CRAB BEETLE	UNK			G?
MARONETUS SP A A CARABID BEETLE	SC			G?

scientific and common name	state stat	fed stat	state rank	glob rank
MARONETUS TENUIS A GROUND BEETLE	SC			G?
MARONETUS UNISTRIATUS A GROUND BEETLE	UNK			G?
MAYETIA BULLA A SHORT-WINGED MOLD BEETLE	SC			G?
MAYETIA PEARSEI A SHORT-WINGED MOLD BEETLE	SC			G?
MAYETIA SP 2 A SHORT-WINGED MOLD BEETLE (from NC, sp	SC			G?
MAYETIA SP 3 A SHORT-WINGED MOLD BEETLE (from NC, sp	SC			G?
MAYETIA SP A A SHORT-WINGED MOLD BEETLE	SC			G?
NEBRIA APPALACHIA A GROUND BEETLE	UNK			G?
NICROPHORUS AMERICANUS AMERICAN BURYING BEETLE	E	PE	SH	G1
PILOPIUS SP A A SHORT-WINGED MOLD BEETLE	UNK			G?
PSILOCNEMIS LEUCOSTICTA A SCARAB BEETLE	UNK			G?
PTEROSTICHUS BLANCHARDI A GROUND BEETLE	UNK			G?
PTEROSTICHUS CAROLINUS CAROLINUS A GROUND BEETLE	UNK			G?
PTEROSTICHUS CAROLINUS FUMORUM A GROUND BEETLE	UNK			G?
PTEROSTICHUS HYPOGEA A GROUND BEETLE	SC			G?
PTEROSTICHUS LUBRICUS A GROUND BEETLE	UNK			G?
PTEROSTICHUS MANCUS PLETHORUS A GROUND BEETLE	UNK			G?

scientific and common name	state stat	fed stat	state rank	glob rank
PTEROSTICHUS PALMI A GROUND BEETLE	UNK			G?
PTEROSTICHUS PRIMUS A GROUND BEETLE	UNK			G?
PTEROSTICHUS UNICARUM A GROUND BEETLE	UNK			G?
SCAPHINOTUS GUYOTI A GROUND BEETLE	UNK			G?
SCAPHINOTUS VIOLACEUS A GROUND BEETLE	UNK			G?
STENELMIS GAMMONI A RIFFLE BEETLE	T	C2		G1G3
TRECHUS BALSAMENSIS A GROUND BEETLE	SC		S1?	G1?
TRECHUS CAROLINAE A GROUND BEETLE	SC		S1?	G1?
TRECHUS LUCULENTUS LUCULENTUS A GROUND BEETLE	SC		S2?	G2T2?
TRECHUS LUCULENTUS UNICOI A GROUND BEETLE	SC		S2?	G2T2?
TRECHUS MITCHELLENSIS A GROUND BEETLE	SC		S1?	G1?
TRECHUS NOVACULOSUS A GROUND BEETLE	SC		S2?	G2?
TRECHUS ROANICUS A GROUND BEETLE	SC		S1?	G1?
TRECHUS ROSENBERGI A GROUND BEETLE	SC		S1?	G1?
TRECHUS SATANICUS A GROUND BEETLE	SC		S1?	G1?
TRECHUS SUBTILIS A GROUND BEETLE	SC		S1?	G1?

INSECTS -- ANTS

scientific and common name	state stat	fed stat	state rank	glob rank
AMBLYOPONE TRIGONIGNATHA AN ANT	UNK			G?
FORMICA EXSECTOIDES ALLEGHANY MOUND ANT	SC			G?

ANNELIDS

scientific and common name	state stat	fed stat	state rank	glob rank
CHAETOPTERUS VARIOPEDATUS PARCHMENT TUBE WORM	SC			G?
NOTOMASTUS LOBATUS POLYCHAETE WORM	SC			G?
THALASSEMA HARTMANI HARTMAN'S ECHIURID WORM	SC			G?

APPENDIX C. NORTH CAROLINA'S
RARE AND ENDANGERED
PLANT SPECIES
with element ranks

04/20/89
NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state stat	fed stat	state rank	glob rank
ACONITUM RECLINATUM TRAILING WOLFSBANE	PP		S2	G2G3
ADIANTUM CAPILLUS-VENERIS VENUS HAIR FERN	SR		S1	G5
ADLUMIA FUNGOSA CLIMBING FUMITORY	SR		S1	G4
AESCHYNOMENE VIRGINICA SENSITIVE JOINTVETCH	PP	C2	S1	G2
AGALINIS APHYLLA SCALE-LEAF GERARDIA	SR		S2	G3G4
AGALINIS VIRGATA BRANCHED GERARDIA	PP		S1	G3G4
AGROSTIS BOREALIS ARCTIC BENTGRASS	PP		S1	G?
ALLIUM CUTHBERTII STRIPED GARLIC	PP		S1	G3G4
ALNUS VIRIDIS SSP CRISPA GREEN ALDER	PP		S1	G5T3T4
AMARANTHUS PUMILUS SEABEACH AMARANTH	T	C2	S2	G2
AMELANCHIER SANGUINEA ROUNDLEAF SHADBUSH	SR		S1	G5
AMORPHA GEORGIANA VAR CONFUSA SAVANNA LEADPLANT	PP		S1	G2T1
AMORPHA GEORGIANA VAR GEORGIANA GEORGIA LEADPLANT	PP		SH	G2T2
AMORPHA SCHWERINII SCHWERIN'S AMORPHA	PP		S2	G2G3

04/20/89
NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state stat	fed stat	state rank	glob rank
ANEMONE BERLANDIERI SOUTHERN THIMBLEWEED	PP		S1	G3G4
ARABIS GLABRA TOWER MUSTARD	SR		S1?	G5
ARABIS LAEVIGATA VAR BURKII PORTER'S ROCKCRESS	SR		S1	G5TU
ARABIS MISSOURIENSIS MISSOURI ROCKCRESS	PP		S1	G4G5
ARABIS PATENS SPREADING ROCKCRESS	PP		S1	G3G4
ARETHUSA BULBOSA BOG ROSE	T		S1	G4
ASCLEPIAS PEDICELLATA STALKED MILKWEED	PP		S1	G3G4
ASCLEPIAS TOMENTOSA SANDHILLS MILKWEED	SR		S1S2	G3G4
ASPLENIUM BRADLEYI BRADLEY'S SPLEENWORT	SR		S1	G3
ASPLENIUM HETERORESILIENS CAROLINA SPLEENWORT	E	C2	S1	G2
ASPLENIUM MONANTHES SINGLE-SORUS SPLEENWORT	E		S1	G4?
ASPLENIUM RUTA-MURARIA WALL-RUE	SR		S1	G5
ASTER AVITUS ALEXANDER'S ROCK ASTER	PP	C1	SR	G1
ASTER CAROLINIANUS CLIMBING ASTER	SR		SH	G4
ASTER MIRABILIS PIEDMONT ASTER	PP		S2?	G2?

scientific and common name	state stat	fed stat	state rank	glob rank
BACOPA CYCLOPHYLLA WATER-HYSSOP	SR		SH	G3G5
BALDUINA ATROPURPUREA HONEYCOMB HEAD	PP	3C	S1?	G2G3
BAPTISIA AUSTRALIS VAR AUSTRALIS BLUE WILD INDIGO	SR		S2	G5?T3
BARBULA INAEQUALIFOLIA A MOSS	PP		S1	G2?
BARTRAMIDULA CERNUA DWARF APPLE MOSS	SR		S1	G3?
BETULA CORDIFOLIA MOUNTAIN PAPER BIRCH	PP		S2	G5
BOTRYCHIUM JENMANII ALABAMA GRAPE FERN	SR		S1	G3G4
BOTRYCHIUM LANCEOLATUM VAR ANGUSTISEGMENTUM LANCE-LEAF MOONWORT	SR		S1	G4T3
BOTRYCHIUM MATRICARIIFOLIUM DAISY-LEAF MOONWORT	SR		S1	G5
BOTRYCHIUM ONEIDENSE BLUNT-LOBED GRAPE FERN	PP		S1	G3G4
BOTRYCHIUM SIMPLEX LEAST MOONWORT	PP		S1	G5
BRACHYDONTIUM TRICHODES PEAK MOSS	PP		S1	G2?
BRACHYMENIUM ANDERSONII ANDERSON'S BRACHYMENIUM	PP		SH	G1
BRACHYMENIUM SYSTYLIUM MEXICAN BRACHYMENIUM	PP		S1	G5
BRACHYTHECIUM POPULEUM MATTED FEATHER MOSS	SR		SH	G5

04/20/89
NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state stat	fed stat	state rank	glob rank
BRACHYTHECIUM ROTAEANUM ROTA'S FEATHER MOSS	SR		S1	G3?
BRYOCRUMIA ANDERSONII GORGE MOSS	E		SH	G1
BRYOXIPHIUM NORVEGICUM SWORD MOSS	SR		S1	G3?
BRYUM RIPARIUM A MOSS	PP		SH	G?
BUCKLEYA DISTICHOPHYLLA PIRATEBUSH	E	C2	S2	G2
BUMELIA TENAX TOUGH BUMELIA	SR		S1	G3?
BUXBAUMIA APHYLLA BUG-ON-A-STICK	SR		SH	G2
BUXBAUMIA MINAKATAE HUMP-BACKED ELVES	PP		SH	G2
CACALIA OVATA SAVANNA INDIAN-PLANTAIN	SR		S1	G4G5
CACALIA RUGELIA RUGEL'S RAGWORT	T	C1	S2	G3
CACALIA SUAVEOLENS SWEET INDIAN-PLANTAIN	PP		SH	G3G4
CALAMAGROSTIS PORTERI PORTER'S REEDGRASS	SR	3C	S1	G4
CALAMOVILFA BREVIPILIS PINEBARRENS SANDREED	T	C2	S1	G3
CALYPOGEIA PERUVIANA A LIVERWORT	PP		S1	G3G5?
CALYSTEGIA CATESBIANA SSP SERICATA BLUE RIDGE BINDWEED	SR		S2	G3T2T3

scientific and common name	state stat	fed stat	state rank	glob rank
CAMASSIA SCILLOIDES WILD HYACINTH	E		S1	G4G5
CAMPANULA APARINOIDES MARSH BELLFLOWER	SR		S1	G5
CAMPYLIUM STELLATUM YELLOW STARRY FEN MOSS	SR		S1	G5
CAMPYLOPUS ATROVIRENS CLIFF CAMPYLOPUS	SR		S1	G3?
CAMPYLOPUS CAROLINAE SAVANNA CAMPYLOPUS	PP		S1	G1
CAMPYLOPUS OERSTEDIANUS OERSTED'S CAMPYLOPUS	PP		S1	G1G3
CAMPYLOPUS PARADOXUS PARADOXICAL CAMPYLOPUS	PP		S1	G3
CARDAMINE DOUGLASSII DOUGLASS'S BITTERCRESS	SR		S2	G5
CARDAMINE LONGII LONG'S BITTERCRESS	SR	C2	S1	G3G4
CARDAMINE MICRANTHERA SMALL-ANTHERED BITTERCRESS	PP	PE	S1	G1
CARDAMINE ROTUNDIFOLIA MOUNTAIN WATERCRESS	SR		SH	G4
CAREX AENEA FERNALD'S HAY SEDGE	E		S1	G5
CAREX BARRATTII BARRATT'S SEDGE	E	C2	SH	G3
CAREX BILTMOREANA BILTMORE SEDGE	PP	C2	S2	G2
CAREX BUXBAUMII BUXBAUM'S SEDGE	PP		S1	G5

scientific and common name	state stat	fed stat	state rank	glob rank
CAREX CANESCENS VAR DISJUNCTA SILVERY SEDGE	PP		S1	G5T4?
CAREX CHAPMANII CHAPMAN'S SEDGE	T	C2	S1	G2G3
CAREX CHEROKEENSIS CHEROKEE SEDGE	SR		SH	G4G5
CAREX COLLINSII COLLINS'S SEDGE	SR		S1	G4
CAREX CONOIDEA CONE-SHAPED SEDGE	T		S1	G4
CAREX CRISTATELLA SMALL CRESTED SEDGE	SR		SH	G5
CAREX DECOMPOSITA CYPRESS KNEE SEDGE	SR	C2	SH	G3G4
CAREX EBURNEA BRISTLE-LEAF SEDGE	SR		S1	G5
CAREX EXILIS MEAGRE SEDGE	PP		SX	G5
CAREX IMPRESSINERVIA A SEDGE	SR		S1	G1G2
CAREX MANHARTII MANHART'S SEDGE	PP		S1	G2?
CAREX MISERA WRETCHED SEDGE	T	3C	S3	G3
CAREX OLIGOSPERMA FEW-SEEDED SEDGE	PP		S1	G4
CAREX PEDUNCULATA LONGSTALK SEDGE	PP		S1	G5
CAREX PROJECTA NECKLACE SEDGE	PP		S1	G5

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scientific and common name	state stat	fed stat	state rank	glob rank
CAREX PURPURIFERA PURPLE SEDGE	E	3C	SRF?	G3?
CAREX RENIFORMIS KIDNEY SEDGE	SR		SH	G4?
CAREX SCHWEINITZII SCHWEINITZ'S SEDGE	PP		S1	G3
CAREX TENAX STRONG SEDGE	SR		SH	G5?
CAREX TETANICA RIGID SEDGE	SR		S1	G4G5
CAREX TRISPERMA THREE-SEEDED SEDGE	SR		S1	G5
CAREX TURGESCENS SWOLLEN SEDGE	SR		SH	G3?
CAREX WOODII WOOD'S SEDGE	SR		S2	G4Q
CARYA LACINIOSA BIG SHELLBARK HICKORY	SR		S1	G5
CARYA MYRISTICIFORMIS NUTMEG HICKORY	T		S1	G5
CHASMANTHIUM NITIDUM A SPANGLEGRASS	PP		S1	G3?
CHEILANTHES ALABAMENSIS ALABAMA LIP-FERN	SR		S1	G5
CHENOPODIUM GIGANTOSPERMUM GIANT-SEED GOOSEFOOT	SR		S1	G4G5
CHRYSOMA PAUCIFLOSCULOSA CHRYSOMA	SR		S1	G3G4
CHRYSOPSIS PILOSA GOLDEN ASTER	SR		SE?	G5

scientific and common name	state stat	fed stat	state rank	glob rank
CIRRIPHYLLUM PILIFERUM A MOSS	SR		S1	G5
CIRSIUM CAROLINIANUM CAROLINA THISTLE	SR		S1	G5
CLADIUM MARISCOIDES TWIG-RUSH	SR		S1	G5
CLADONIA PSOROMICA BLUFF MOUNTAIN REINDEER LICHEN	PP		S1	G1
CLEMATIS GLAUCOPHYLLA WHITE-LEAVED LEATHERFLOWER	SR		SH	G3?
CLEMATIS OCCIDENTALIS ROCK CLEMATIS	SR		S1	G5
COLLINSONIA VERTICILLATA WHORLED HORSEBALM	PP		S1	G2G3
COMMELINA CAROLINIANA CAROLINA DAYFLOWER	SR		S1	G5Q
COREOPSIS LATIFOLIA BROADLEAF COREOPSIS	T	C2	S3	G3
CRINUM AMERICANUM SWAMP-LILY	PP		S1	G5
CYPERUS DENTATUS TOOTHED-LEAF FLATSEDGE	PP		S1?	G4
CYPERUS LECONTEI LECONTE'S FLATSEDGE	SR		SH	G4?
CYPERUS TETRAGONUS FOUR-ANGLED FLATSEDGE	SR		S2	G4?
CYSTOPTERIS TENNESSEENSIS TENNESSEE BLADDER-FERN	E		S1	G5
DALIBARDA REPENS ROBIN RUNAWAY	E		S1	G5

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scientific and common name	state stat	fed stat	state rank	glob rank
DELPHINIUM EXALTATUM TALL LARKSPUR	E		S1	G3
DENTARIA MULTIFIDA DIVIDED TOOTHWORT	SR		S1	G5Q
DESCHAMPSIA CESPITOSA VAR GLAUCA TUFTED HAIRGRASS	PP		S1	G5T5
DICENTRA EXIMIA BLEEDING HEART	SR		S2	G4
DICHODONTIUM PELLUCIDUM A MOSS	SR		S2	G4G5
DICRANUM UNDULATUM BOG BROOM-MOSS	SR		S1	G5
DIDIPLIS DIANDRA WATER PURSLANE	SR		S1	G5
DIONAEA MUSCIPULA VENUS FLYTRAP	SR	3C	S3	G3
DISPORUM MACULATUM NODDING MANDARIN	SR		S2	G3G4
DITRICHUM AMBIGUUM AMBIGUOUS DITRICHUM	PP		S1	G3?
DRABA RAMOSISSIMA BRANCHING DRABA	SR		S2	G4
DRABA REPTANS CREEPING DRABA	SR		SH	G5
DREPANOCLADUS FLUITANS FLOATING SICKLE-MOSS	SR		S1	G5
DREPANOLEJEUNEA APPALACHIANA A LIVERWORT	PP		S1	G1?
DROSERA FILIFORMIS THREADLEAF SUNDEW	SR		S2	G5

scientific and common name	state stat	fed stat	state rank	glob rank
ECHINACEA LAEVIGATA SMOOTH CONEFLOWER	T	C2	S1	G2?
ECHINACEA PALLIDA PALE CONEFLOWER	PP		S1	G4G5
ECHINACEA PURPUREA PURPLE CONEFLOWER	SR		S1	G4G5
ECHINODORUS TENELLUS VAR PARVULUS DWARF BURHEAD	PP		S1	G3T2
ELEOCHARIS CELLULOSA GULFCOAST SPIKERUSH	SR		S1	G4G5
ELEOCHARIS HALOPHILA SALT SPIKERUSH	T		S1	G4
ELEOCHARIS ROBBINSII ROBBINS'S SPIKERUSH	SR		S1	G4G5
ELYMUS TRACHYCAULUS VAR TRACHYCAULUS SLENDER WHEATGRASS	PP		S1	G5T5
ENCALYPTA PROCERA EXTINGUISHER MOSS	SR		S1	G4G5
ENTODON COMPRESSUS FLATTENED ENTODON	PP		S1	G3G4
ENTODON CONCINNUS LIME ENTODON	PP		S1	G5
ENTODON SULLIVANTII SULLIVANT'S ENTODON	SR		S2	G3G4
EPILOBIUM CILIATUM PURPLELEAF WILLOWHERB	SR		S2	G5
EPILOBIUM LEPTOPHYLLUM NARROWLEAF WILLOWHERB	PP		S2	G5
ERIOCAULON LINEARE LINEAR PIPEWORT	E		SH	G4

scientific and common name	state stat	fed stat	state rank	glob rank
ERIOCAULON PARKERI PARKER'S PIPEWORT	SR	C2	S1	G3
ERIOCAULON SEPTANGULARE SEVEN-ANGLED PIPEWORT	SR		S2	G5
EUCLADIUM VERTICILLATUM LIME-SEEP EUCLADIUM	SR		S1	G5
EUPATORIUM LEPTOPHYLLUM LIMESINK DOG-FENNEL	SR		S1	G4G5
EUPATORIUM RESINOSUM RESINOUS BONESET	E	C2	S1	G2
EUPHORBIA PURPUREA GLADE SPURGE	PP	C2	S2	G2
EURHYNCHIUM PRINGLEI PRINGLE'S EURHYNCHIUM	SR		S1	G1G2Q
FILIPENDULA RUBRA QUEEN-OF-THE-PRAIRIE	PP		S1	G4G5
FIMBRISTYLIS PERPUSILLA HARPER'S FRINGE-RUSH	T	C1	S1	G2
FISSIDENS EXILIS SMALL POCKET MOSS	SR		S1	G2G4
FISSIDENS HALLII HALL'S POCKET MOSS	PP		S1	G2
GENTIANA ALBA YELLOW GENTIAN	SR		SH	G4
GENTIANOPSIS CRINITA FRINGED GENTIAN	E		S1	G4
GEUM ALEPPICUM YELLOW AVENS	PP		S1	G5
GEUM GENICULATUM BENT AVENS	T	C2	S1	G1

scientific and common name	state stat	fed stat	state rank	glob rank
GEUM LACINIATUM ROUGH AVENS	SR		S1	G5
GEUM RADIATUM SPREADING AVENS	T	C2	S2	G2
GLYCERIA NUBIGENA SMOKY MOUNTAIN MANNAGRASS	E	C1	S2	G2
GRAMMITIS NIMBATA DWARF POLYPODY	E	C2	S1	GU
GRIMMIA CRIBROSA COPPER GRIMMIA	PP		S1	G3G5
GYMNOCARPIUM DRYOPTERIS OAK FERN	PP		S1	G5
GYMNODERMA LINEARE ROCK GNOME LICHEN	PP		S1	G1
HALODULE BEAUDETTEI BEAUDETTE'S SHOALWEED	SR		S1	G5
HEDYOTIS PURPUREA VAR MONTANA MOUNTAIN BLUET	PP	C2	S1	G5T1
HELENIUM BREVIFOLIUM LITTLELEAF SNEEZEWEED	SR		S1?	G4
HELENIUM PINNATIFIDUM DISSECTED SNEEZEWEED	SR		S2?	G3G5
HELIANTHEMUM BICKNELLII PLAINS FROSTWEED	PP		S1	G5
HELIANTHEMUM PROPINQUUM CREEPING SUNROSE	PP		S1	G4
HELIANTHEMUM ROSMARINIFOLIUM ROSEMARY FROSTWEED	SR		SH	G4
HELIANTHUS GLAUCOPHYLLUS WHITELEAF SUNFLOWER	PP	C2	S3	G3

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scientific and common name	state stat	fed stat	state rank	glob rank
HELIANTHUS LAEVIGATUS SMOOTH SUNFLOWER	SR		S2	G3G4
HELIANTHUS SCHWEINITZII SCHWEINITZ'S SUNFLOWER	E	C1	S1	G1
HELONIAS BULLATA SWAMP PINK	T	LT	S1	G2
HEMICARPHA MICRANTHA SMALL-FLOWERED HEMICARPHA	SR		S1	G4
HETERANTHERA MULTIFLORA MULTIFLOWERED MUD-PLANTAIN	SR		S1	GU
HEXASTYLIS CONTRACTA MOUNTAIN HEARTLEAF	E	C2	S1	G3
HEXASTYLIS LEWISII LEWIS'S HEARTLEAF	PP	C2	S3	G3
HEXASTYLIS NANIFLORA DWARF-FLOWERED HEARTLEAF	E	PT	S2	G2G3
HEXASTYLIS RHOMBIFORMIS FRENCH BROAD HEARTLEAF	PP		S1	G1
HIEROCHLOE ODORATA HOLY GRASS	PP		S1	G5
HOMALIA TRICHOMANOIDES LIME HOMALIA	PP		S1	G5
HOMALIADELPHUS SHARPII SHARP'S HOMALIADELPHUS	PP		S1	G2G3
HUDSONIA MONTANA MOUNTAIN GOLDEN-HEATHER	T	LT	S1	G1
HUDSONIA TOMENTOSA WOOLLY BEACH HEATHER	SR		S2	G5
HYDRASTIS CANADENSIS GOLDENSEAL	E	3C	S2	G4

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scientific and common name	state stat	fed stat	state rank	glob rank
HYGROHYPNUM CLOSTERI CLOSTER'S BROOK-HYPNUM	SR		S1	G3
HYPERICUM ADPRESSUM BOG ST. JOHN'S-WORT	PP		SH	G4
HYPERICUM FRONDOSUM GOLDEN ST. JOHN'S-WORT	PP		S1	G4
HYPOXIS RIGIDA STIFF-LEAVED YELLOW STARGRASS	SR		SU	G?Q
HYPOXIS SESSILIS SESSILE-FLOWERED YELLOW STARGRASS	SR		S1	G4
ILEX AMELANCHIER SARVIS HOLLY	E	C2	S2	G3
ILEX COLLINA LONG-STALKED HOLLY	T	C2	S1	G3
ISOETES PIEDMONTANA PIEDMONT QUILLWORT	T		S1	G4Q
ISOETES RIPARIA RIVERBANK QUILLWORT	SR		S1	G4
ISOPYRUM BITERNATUM ATLANTIC ISOPYRUM	SR		S2	G5
ISOTRIA MEDEOLOIDES SMALL WHORLED POGONIA	E	LE	S1	G2
IVA MICROCEPHALA SMALL-HEADED MARSH ELDER	SR		S1	G5
JEFFERSONIA DIPHYLLA TWIN LEAF	SR		S1	G5
JUNCUS TRIFIDUS VAR CAROLINIANUS ONE-FLOWERED RUSH	E	C2	S1	G5T3Q
JUNIPERUS COMMUNIS GROUND JUNIPER	SR		S1	G5

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scientific and common name	state stat	fed stat	state rank	glob rank
KALMIA CUNEATA WHITE WICKY	E	C1	S2	G3
LACHNOCAULON BEYRICHIANUM SOUTHERN BOG-BUTTON	PP	3C	S1	G2G3
LECHEA TORREYI TORREY'S PINWEED	PP		S1	G4G5
LEPTODONTIUM EXCELSUM GRANDFATHER MOUNTAIN LEPTODONTIUM	PP		S1	G2?
LEPTODONTIUM FLEXIFOLIUM PALE-MARGINED LEPTODONTIUM	SR		S1	G5
LIATRIS ASPERA ROUGH GAYFEATHER	SR		S1	G4G5
LIATRIS HELLERI HELLER'S BLAZING STAR	T	LT	S1	G1
LIATRIS SQUARRULOSA EARLE'S BLAZING STAR	SR		S2	G4G5
LIATRIS TURGIDA SHALE-BARREN BLAZING STAR	SR		S1?	G?
LILAEOPSIS CAROLINENSIS CAROLINA LILAEOPSIS	T	C2	S2	G3
LILIUM GRAYI GRAY'S LILY	T	C2	S2	G2
LILIUM PHILADELPHICUM WOOD LILY	SR		S1	G5
LIMOSELLA AUSTRALIS AWL-LEAF MUDWORT	PP		S1	G4G5
LINDBERGIA BRACHYPTERA LINDBERG'S MAPLE-MOSS	SR		S1	G5
LINDERA MELISSIFOLIA SOUTHERN SPICEBUSH	E	LE	S1	G2

scientific and common name	state stat	fed stat	state rank	glob rank
LINDERA SUBCORIACEA BOG SPICEBUSH	E	C2	S1	G2
LIPARIS LOESELII LOESEL'S TWAYBLADE	SR		S1	G5
LISTERA AUSTRALIS SOUTHERN TWAYBLADE	SR		S2	G4
LISTERA CORDATA HEART-LEAVED TWAYBLADE	SR		SR	G5
LITHOSPERMUM CANESCENS HOARY PUCCOON	SR		S1	G5
LITSEA AESTIVALIS PONDSPICE	SR	3C	S2	G4G5
LOBELIA BOYKINII BOYKIN'S LOBELIA	PP	C2	S1	G2
LONICERA CANADENSIS AMERICAN FLY-HONEYSUCKLE	SR		S1	G5
LONICERA FLAVA YELLOW HONEYSUCKLE	SR		S1	G5?
LOPHIOLA AUREA GOLDEN CREST	PP		S1	G3G4
LOTUS PURSHIANUS VAR HELLERI HELLER'S TREFOIL	SR		S2	G4G5T3
LUDWIGIA ALATA WINGED SEEDBOX	SR		S2?	G3G4
LUDWIGIA LANCEOLATA LANCELEAF SEEDBOX	SR		SH	G?
LUDWIGIA LINIFOLIA FLAXLEAF SEEDBOX	SR		S1	G4
LUDWIGIA MICROCARPA TINY-FRUITED SEEDBOX	SR		S3	G3G4

scientific and common name	state stat	fed stat	state rank	glob rank
LYCOPODIUM INUNDATUM BOG CLUBMOSS	SR		S1	G5
LYCOPODIUM POROPHILUM ROCK CLUBMOSS	SR		S1	G4
LYCOPODIUM SELAGO FIR CLUBMOSS	SR		S2	G5
LYSIMACHIA ASPERULIFOLIA ROUGH-LEAF LOOSESTRIFE	E	LE	S2	G2
LYSIMACHIA FRASERI FRASER'S LOOSESTRIFE	PP		S1	G2
MACBRIDEA CAROLINIANA CAROLINA BOGMINT	PP		S1	G2G3
MACROCOMA SULLIVANTII SULLIVANT'S MANED-MOSS	SR		S2	G3G5
MALAXIS SPICATA FLORIDA ADDER'S MOUTH	SR		S1	G3G4
MARSHALLIA GRANDIFLORA LARGE-FLOWERED BARBARA'S BUTTONS	SR	C2	SH	G2
MARSHALLIA TRINERVIA BROADLEAF BARBARA'S BUTTONS	SR		SH	G3
MEEHANIA CORDATA MEEHANIA	SR		S1	G5?
MELICA NITENS THREE-FLOWERED MELIC	SR		S1	G5
MENYANTHES TRIFOLIATA BUCKBEAN	T		S1	G5
MILIUM EFFUSUM MILLET-GRASS	PP		SH	G5
MINUARTIA GODFREYI GODFREY'S SANDWORT	E	C2	SH	G1Q

scientific and common name	state stat	fed stat	state rank	glob rank
MINUARTIA GROENLANDICA GREENLAND SANDWORT	PP		S2	G5
MINUARTIA UNIFLORA SINGLE-FLOWERED SANDWORT	E	3C	S1	G3G4
MNIUM CAROLINIANUM CAROLINA MNIUM	PP		S2	G2G3
MONOTROPSIS ODORATA SWEET PINESAP	SR		S2	G3
MUHLENBERGIA GLOMERATA BRISTLY MUHLY	PP		S1	G5
MUHLENBERGIA TORREYANA TORREY'S MUHLY	PP	C1	S1	G3
MYLIA TAYLORI A LIVERWORT	SR		S1	G4G5
MYRICA GALE SWEET GALE	PP		S1	G5
MYRIOPHYLLUM LAXUM LOOSE WATERMILFOIL	T	C2	S1	G2G3
MYRIOPHYLLUM TENELLUM LEAFLESS WATERMILFOIL	PP		S1	G5
NARTHECIUM AMERICANUM BOG ASPHODEL	E	C2	SX	G2
NESTRONIA UMBELLULA NESTRONIA	T	C2	S3	G3G4
OENOTHERA PERENNIS PERENNIAL SUNDROPS	SR		S1	G5
ORTHODONTIUM PELLUCENS TRANSLUCENT ORTHODONTIUM	PP		S1	G3?
ORTHOTRICHUM KEEVERAE KEEVER'S BRISTLE-MOSS	E		S1	G1

scientific and common name	state stat	fed stat	state rank	glob rank
ORTHOTRICHUM OBTUSIFOLIUM BLUNT BRISTLE-MOSS	SR		S1	G5
OXYPOLIS CANBYI CANBY'S COWBANE	E	LE	S1	G1G2
PACHYSANDRA PROCUMBENS ALLEGHENY SPURGE	SR		S1	G4G5
PALAMOCLADIUM LESKEOIDES PALAMOCLADIUM	PP		S1	G3G5
PANAX QUINQUEFOLIUS GINSENG	SC	3C	S4	G4
PANAX TRIFOLIUS DWARF GINSENG	SR		S2	G5
PARNASSIA CAROLINIANA CAROLINA GRASS-OF-PARNASSUS	E	C2	S2	G2
PARNASSIA GRANDIFOLIA LARGE-LEAVED GRASS-OF-PARNASSUS	PP		S2	G2G3
PEDICULARIS LANCEOLATA SWAMP LOUSEWORT	SR		S1	G5
PELLAEA WRIGHTIANA WRIGHT'S CLIFF-BRAKE	E		S1	G5
PELTANDRA SAGITTIFOLIA SPOONFLOWER	SR		S2	G3G4
PHACELIA RANUNCULACEA BUTTERCUP PHACELIA	PP		S2	G4
PHASEOLUS SINUATUS SANDHILLS BEAN	PP		SH	G2G4
PHLOX SUBULATA MOSS PINK	SR		S1	G5
PLAGIOCHILA AUSTINI A LIVERWORT	PP		S1	G2?

scientific and common name	state stat	fed stat	state rank	glob rank
PLAGIOCHILA CADUCILOBA A LIVERWORT	PP		S1	G1
PLAGIOCHILA ECHINATA A LIVERWORT	PP		S1	G1
PLANTAGO CORDATA HEART-LEAF PLANTAIN	E	C2	S1	G3
PLANTAGO SPARSIFLORA PINELAND PLANTAIN	PP		S1	G2
PLATANTHERA INTEGRA YELLOW FRINGELESS ORCHID	T	3C	S1	G3G4
PLATANTHERA INTEGRILABIA WHITE FRINGELESS ORCHID	PP	C2	SX	G2
PLATANTHERA NIVEA SNOWY ORCHID	SR		S2	G5
PLATANTHERA PERAMOENA PURPLE FRINGELESS ORCHID	PP	3C	S1	G5
PLATYDICTYA CONFERVOIDES ALGA-LIKE MATTED-MOSS	SR		S1	G4G5
POA PALUDIGENA BOG BLUEGRASS	PP	C2	SH	G2
POA SALTUENSIS BLUEGRASS	SR		S1	G5?
POLYGONELLA ARTICULATA COAST JOINTWEED	PP		SH	G5
POLYGONUM GLAUCUM SEABEACH KNOTWEED	SR		S1	G3
PONTHIEVA RACEMOSA SHADOW-WITCH	SR		S1	G4G5
PORTERANTHUS STIPULATUS INDIAN PHYSIC	SR		S2	G5

scientific and common name	state stat	fed stat	state rank	glob rank
PORTULACA SMALLII SMALL'S PORTULACA	E	3C	S2	G3
POTAMOGETON CONFERVOIDES CONFERVA PONDWEED	PP		S1	G5
PRENANTHES ROANENSIS ROAN RATTLESNAKEROOT	SR	3C	S3	G3
PSORALEA MACROPHYLLA BIGLEAF SCURFPEA	E	C1*	SX?	GH
PTERIGYNANDRUM SHARPII MOUNT LECONTE MOSS	PP		S1	G1G2
PTEROGLOSSASPIS ECRISTATA EULOPHIA	PP	C2	SX	G3G4
PTILIMNIUM COSTATUM RIBBED BISHOP'S-WEED	SR		SH	G5
PTILIMNIUM NODOSUM HARPERELLA	T	LE	S1	G2
PYROLA ELLIPTICA A SHINLEAF	PP		S1	G5
PYXIDANTHERA BARBULATA VAR BREVIFOLIA SANDHILLS PIXIE-MOSS	E	C1	S2	G3T2Q
RANUNCULUS AMBIGENS WATER-PLANTAIN SPEARWORT	SR		SH	G4G5
RANUNCULUS FLABELLARIS YELLOW WATER-CROWFOOT	SR		S1	G5
RANUNCULUS HEDERACEUS IVY BUTTERCUP	PP		S1	G5
RHABDOWEISIA CRENULATA HIMALAYAN RIBBED-WEISSIA	PP		S1	G3G4
RHEXIA ARISTOSA AWNED MEADOW-BEAUTY	PP	C2	S2	G2

scientific and common name	state stat	fed stat	state rank	glob rank
RHEXIA CUBENSIS CUBAN MEADOW-BEAUTY	SR		S1	G?
RHODODENDRON BAKERI CUMBERLAND AZALEA	SR	3C	S1	G2Q
RHODODENDRON PRINOPHYLLUM ELECTION PINK	SR		S1	G5
RHODODENDRON VASEYI PINK-SHELL AZALEA	SR	3C	S3	G3
RHUS MICHAUXII MICHAUX'S SUMAC	E	PE	S1	G1
RHYNCHOSPORA ALBA WHITE BEAKRUSH	PP		S2	G5
RHYNCHOSPORA BREVISETA SHORTBRISTLED BEAKRUSH	SR		S1	G3G4
RHYNCHOSPORA ODORATA FRAGRANT BEAKRUSH	SR		S1	G5
RHYNCHOSPORA PLEIANTHA COASTAL BEAKRUSH	SR		S1	G3G5
RHYNCHOSPORA STENOPHYLLA LITTLELEAF BEAKRUSH	PP		S1	G2
RHYNCHOSPORA TRACYI TRACY'S BEAKRUSH	SR		S2	G4
RHYTIDIUM RUGOSUM GOLDEN GLADE-MOSS	SR		S2	G5
RUBUS IDAEUS SSP SACHALINENSIS RED RASPBERRY	SR		S2?	G5T5
RUDBECKIA HELIOPSIDIS SUN-FACING CONEFLOWER	T	C2	SH	G2
RUDBECKIA TRILOBA VAR PINNATILOBA PINNATE-LOBED BLACK-EYED SUSAN	SR	C2	S1	G4T1T2

scientific and common name	state stat	fed stat	state rank	glob rank
RUELLIA HUMILIS LOW WILD-PETUNIA	SR		S1	G5
SABATIA KENNEDYANA SEA PINK	E		S1	G3
SAGERETIA MINUTIFLORA SMALL-FLOWERED BUCKTHORN	SR	3C	S1	G4
SAGITTARIA FASCICULATA BUNCHED ARROWHEAD	E	LE	S1	G1
SAGITTARIA STAGNORUM WATER ARROWHEAD	SR		S1	G4G5
SARRACENIA JONESII MOUNTAIN SWEET PITCHER PLANT	E	LE	S1	G1Q
SARRACENIA OREOPHILA GREEN PITCHER PLANT	E	LE	S1	G2
SAXIFRAGA CAROLINIANA CAROLINA SAXIFRAGE	PP	C2	S2	G2G3Q
SAXIFRAGA PENSYLVANICA SWAMP SAXIFRAGE	PP		S1	G5
SCHISANDRA GLABRA MAGNOLIA VINE	T		S1	G4
SCHLOTHEIMIA LANCIFOLIA HIGHLANDS MOSS	T		S1	G2
SCHWALBEA AMERICANA CHAFFSEED	PP	C2	S1	G2
SCIRPUS ACUTUS HARDSTEM BULRUSH	SR		SH	G5
SCIRPUS CESPITOSUS DEERHAIR BULRUSH	PP		S2	G5
SCIRPUS SUBTERMINALIS SWAYING BULRUSH	SR		S1	G4G5

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SCOPELOPHILA CATARACTAE AGOYAN CATARACT MOSS	PP		S1	G3G4
SCOPELOPHILA LIGULATA COPPER MOSS	SR		S1	G5?
SCUTELLARIA LEONARDII SHALE-BARREN SKULLCAP	SR		S1	G3G5Q
SCUTELLARIA NERVOSA VEINED SKULLCAP	SR		S1	G5
SCUTELLARIA SAXATILIS ROCK SKULLCAP	SR		S1	G4
SEDUM PUSILLUM PUCK'S ORPINE	E	C2	S1	G3
SEDUM ROSEA ROSEROOT	E		S1	G5
SENECIO MILLEFOLIUM DIVIDED-LEAF RAGWORT	T	3C	S2	G2?
SENECIO PAUPERCULUS BALSAM GROUNDSEL	SR		S2?	G5
SENECIO PLATTENSIS A GROUNDSEL	PP		S1	G5
SENECIO SCHWEINITZIANUS SCHWEINITZ'S GROUNDSEL	E		S1	G5?
SEYMERIA PECTINATA STICKY AFZELIA	SR		SH	G4G5
SHORTIA GALACIFOLIA OCONEE BELLS	E	C2	S2	G2
SILENE OVATA MOUNTAIN CATCHFLY	PP		S2	G3
SILPHIUM TEREBINTHINACEUM PRAIRIE DOCK	PP		S2	G4G5

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SISYRINCHIUM DICHOTOMUM REFLEXED BLUE-EYED GRASS	PP		S1	G1
SOLIDAGO PTARMICOIDES PRAIRIE GOLDENROD	PP		S1	G5
SOLIDAGO PULCHRA CAROLINA GOLDENROD	E	C1	S1	G1Q
SOLIDAGO SPITHAMAEA BLUE RIDGE GOLDENROD	E	LT	S1	G1
SOLIDAGO ULIGINOSA BOG GOLDENROD	SR		SU	G4G5
SOLIDAGO VERNA SPRING-FLOWERING GOLDENROD	E	C2	S2	G2?
SPARGANIUM ANGUSTIFOLIUM GREENFRUIT BUR-REED	SR		SH	G5
SPARTINA PECTINATA FRESHWATER CORDGRASS	SR		S1	G5
SPHAGNUM ANGUSTIFOLIUM NARROWLEAF PEATMOSS	SR		S1	G5T4
SPHAGNUM CAPILLIFOLIUM NORTHERN PEATMOSS	SR		S1	G5
SPHAGNUM FALLAX PRETTY PEATMOSS	SR		S1	G5T4
SPHAGNUM FITZGERALDII FITZGERALD'S PEATMOSS	PP		S2	G2
SPHAGNUM FLEXUOSUM FLEXUOUS PEATMOSS	SR		S1	G5
SPHAGNUM PYLAESII SIMPLE PEATMOSS	PP		S1	G5
SPHAGNUM RUBELLUM RED PEATMOSS	SR		S1	G5T5

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SPHAGNUM RUSSOWII RUSSOW'S PEATMOSS	SR		S1	G5
SPHAGNUM SQUARROSUM SQUARROSE PEATMOSS	PP		S1	G5
SPHAGNUM SUBSECUNDUM VAR SUBSECUNDUM ORANGE PEATMOSS	PP		S1	G5T4
SPHAGNUM TENELLUM DELICATE PEATMOSS	PP		S1	G5
SPHAGNUM TORREYANUM GIANT PEATMOSS	PP		S1	G5
SPHAGNUM WARNSTORFII FEN PEATMOSS	PP		S1	G5
SPIRAEA VIRGINIANA VIRGINIA SPIRAEA	PP	C2	S1	G1
SPIRANTHES LACINIATA LACE-LIP LADIES'-TRESSES	PP		S1	G4G5
SPIRANTHES LONGILABRIS GIANT SPIRAL ORCHID	PP		S1	G3
SPLACHNUM PENNSYLVANICUM SOUTHERN DUNG MOSS	PP		SH	G2?
SPOROBOLUS HETEROLEPIS PRAIRIE DROPSEED	E		S1	G5
SPOROBOLUS TERETIFOLIUS WIRELEAF DROPSEED	T	C2	S1?	G2?
STELLARIA COREI CORE'S STARWORT	SR		S3	G3
STREPTOPUS AMPLEXIFOLIUS WHITE MANDARIN	PP		S1	G5
STYLISMA PICKERINGII VAR PICKERINGII PICKERING'S MORNING GLORY	PP	C2	S1	G4?T1?

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SYNANDRA HISPIDULA SYNANDRA	PP	C2	SH	G3
SYRRHOPODON INCOMPLETUS CUBAN SCHLIESSMUND	PP		S1	G5
TAXIPHYLLUM ALTERNANS JAPANESE YEW-MOSS	PP		S1	G3?
TAXUS CANADENSIS CANADA YEW	SR		S1	G5
THALICTRUM COOLEYI COOLEY'S MEADOWRUE	E	LE	S1	G1
THASPIUM PINNATIFIDUM MOUNTAIN THASPIUM	SR		S1	G3G5
THELYPTERIS PHEGOPTERIS NORTHERN BEECH FERN	PP		S1	G5
THELYPTERIS SIMULATA BOG FERN	T		S1	G5
TOFIELDIA GLUTINOSA STICKY BOG ASPHODEL	PP		S1	G5
TORREYOCHLOA PALLIDA PALE MANNAGRASS	SR		S1	G5?
TORTELLA FLAVOVIRENS BEACH MOSS	SR		S1	G3G5
TORTULA AMMONSIANA AMMONS'S TORTULA	PP		S1	G1
TORTULA FRAGILIS FRAGILE TORTULA	SR		S1	G2G3
TORTULA PAPILLOSA PAPILLOSE TORTULA	SR		S1	G5
TORTULA PROPAGULOSA BUDDING TORTULA	PP		S1S2	G1G2

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TRICHOMANES BOSCHIANUM APPALACHIAN FILMY-FERN	T		S1	G4
TRICHOMANES PETERSII DWARF FILMY-FERN	T		S1	G3
TRICHOSTEMA SUFFRUTESCENS FLORIDA SCRUB BLUECURLS	PP		S1	G?
TRIDENS CAROLINIANUS CAROLINA TRIODIA	PP		S1	G2G3
TRIDENS STRICTUS SPIKE TRIODIA	SR		SH	G5
TRIENTALIS BOREALIS STARFLOWER	SR		S1	G5
TRILLIUM DISCOLOR MOTTLED TRILLIUM	PP		S1	G2
TRILLIUM PUSILLUM VAR 1 ALABAMA LEAST TRILLIUM (TRILLIUM PUSILLUM VAR ALABAMICUM)	E	C2	S1	G3T3
TRILLIUM PUSILLUM VAR PUSILLUM CAROLINA LEAST TRILLIUM	E	C2	S1	G3T1
TRILLIUM PUSILLUM VAR VIRGINIANUM VIRGINIA LEAST TRILLIUM	E	C2	S1	G3T2
TRILLIUM SESSILE SESSILE-FLOWERED TRILLIUM	SR		S1	G4G5
TRISETUM TRIFLORUM SSP MOLLE SOFT TRISETUM	E		SX	G5T4T5
URTICA CHAMIDRYOIDES STINGING NETTLE	SR		S1	G4G5
UTRICULARIA GEMINISCAPA TWO-FLOWERED BLADDERWORT	SR		S1	G4G5
UTRICULARIA MINOR SMALL BLADDERWORT	PP		S1	G5

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UTRICULARIA OLIVACEA DWARF BLADDERWORT	T		S2	G4
UTRICULARIA RESUPINATA NORTHEASTERN BLADDERWORT	SR		SH	G4?
VACCINIUM MACROCARPON CRANBERRY	PP		S2	G4
VERONICA AMERICANA AMERICAN SPEEDWELL	SR		S2	G5
WAREA CUNEIFOLIA CAROLINA WAREA	SR		SH	G4
WOODSIA ILVENSIS RUSTY WOODSIA	SR		S1	G5
WOODSIA SCOPULINA ALLEGHANY CLIFF FERN	SR		S1	G5
XYRIS BREVIFOLIA SHORT-LEAVED YELLOW-EYED GRASS	SR		S1	G4G5
XYRIS ELLIOTTII ELLIOTT'S YELLOW-EYED GRASS	SR		SH	G4
ZIGADENUS ELEGANS SSP GLAUCUS WHITE CAMAS	PP		S1	G5TU

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